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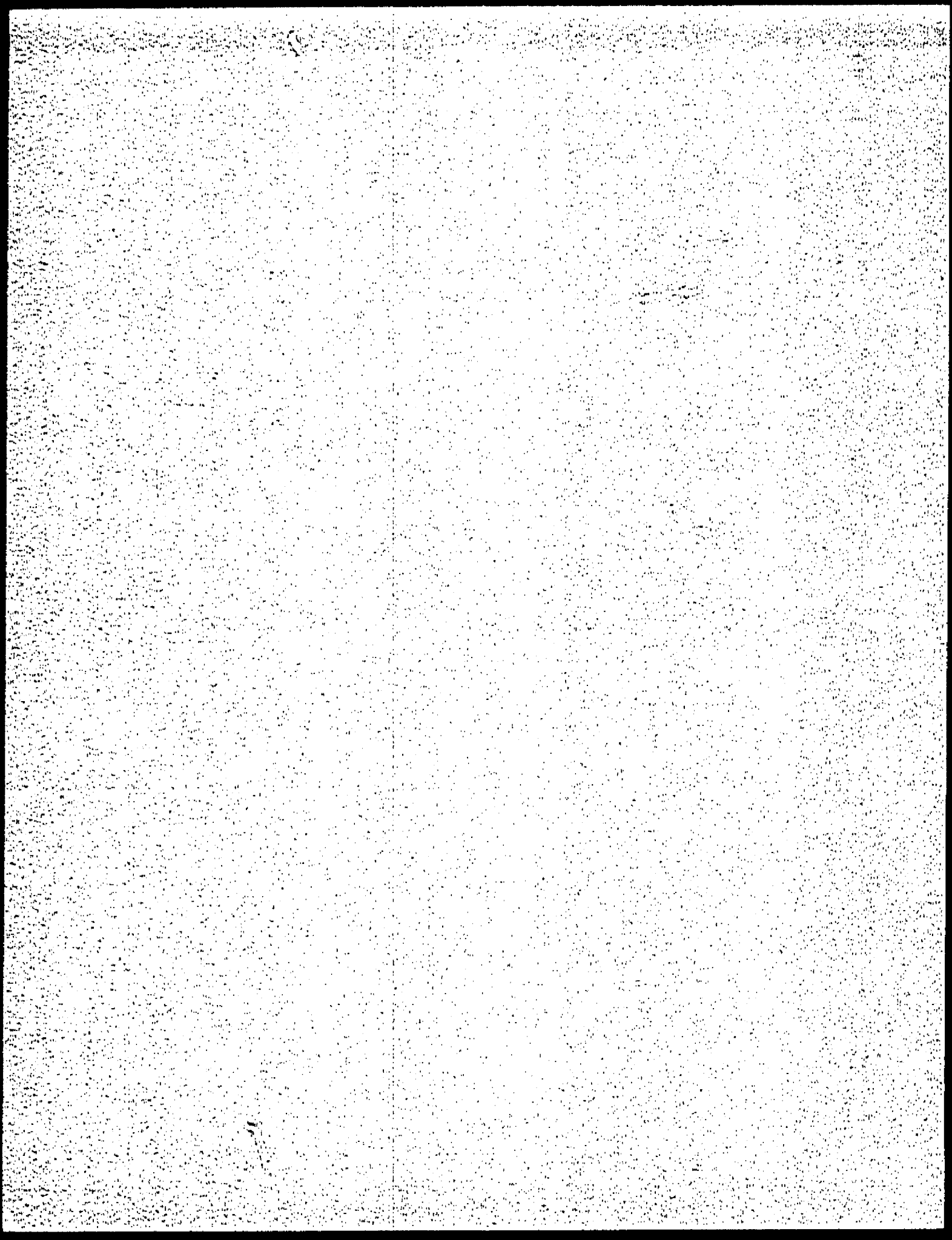
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**ENVIRONMENTAL  
RESTORATION  
PROJECT**

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Date: February 8, 2002  
Refer to: ER2002-0106

Mr. John Young, Corrective Action Project Leader  
Permits Management Program  
NMED - Hazardous Waste Bureau  
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**SUBJECT: SUBMITTAL OF RESPONSE TO THE SUPPLEMENTAL  
INFORMATION (RSI) REQUEST FOR THE VOLUNTARY  
CORRECTIVE ACTION (VCA) REPORT FOR POTENTIAL RELEASE  
SITE (PRS) 54-007(c)-99**

Dear Mr. Young:

This letter and enclosures comprise the Los Alamos National Laboratory Environmental Restoration (ER) Project's response to the RSI for the VCA Completion Report for PRS 54-007(c)-99 (HWB-LANL-01-017). The ER Project Office received the RSI from the New Mexico Environment Department's Hazardous Waste Bureau (NMED-HWB) on December 12, 2001. We subsequently received approval of a thirty-day extension request on December 27, 2001. Our response consists of answers to each NMED-HWB comment, and Revision 1 of the VCA Completion Report for PRS 54-007(c)-99. The revised report includes all appendices provided in the original report, with the exception of the VCA Plan for PRS 54-007(c)-99, which Ms. Dhawan of your staff stated should not be included for a second time. LANL would like to thank Ms. Dhawan for taking the time to meet with ER Project staff to discuss NMED-HWB's comments and our responses. We believe that because of these meetings, LANL is able to concisely provide the additional information requested by NMED-HWB.

If you have any questions, please contact John Hopkins at (505) 667-9551 or Woody Woodworth at (505) 667-5820

Sincerely,

Julie A. Canepa, Program Manager  
Environmental Restoration Project  
Los Alamos National Laboratory

Sincerely,

Mat Johansen, Project Manager  
Department of Energy  
Office of Los Alamos Site Operations

Received by ER-RPF

APR 12 2002

Mr. John Young  
ER2002-0106

-2-

February 8, 2002

JC/MJ/PB/vn

Enclosure: 1) LANL ER Project RSI Response  
2) Revision 1 of the VCA Completion Report for PRS 54-007(c)-99

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Response to Request for Supplemental Information Request  
for the VCA Completion Report for PRS 54-007(c)-99  
Los Alamos National Laboratory, NM0890010515, HWB-LANL-01-017

**INTRODUCTION**

To facilitate review of this response, the New Mexico Environment Department's (NMED's) comments are included verbatim. Los Alamos National Laboratory's (LANL's) responses follow each NMED comment. Some figure, table, and page numbers changed when the voluntary corrective action (VCA) report was revised. References to figures and tables in the revised report are noted as being "in revision 1 of the VCA report."

**NMED Comment**

1. *Section 2.3.1 Previous Investigations, page 3:*

*LANL Statement: "No Inorganic chemicals were detected above Laboratory background values (BVs)."*

*HWB Comment: Please correct, as the statement is inaccurate because zinc was detected above the background value. Please reference the document used for the laboratory background values.*

**LANL Response**

1. The text has been changed to the following: "The only inorganic chemical detected above Laboratory background values (BVs) was zinc. The zinc concentration (50.7 mg/kg) was detected within the range of the background data set (14 mg/kg to 75.5 mg/kg) and is not considered to be different from background."

**NMED Comment**

2. *Figure 2.3-1, page 5:*

*HWB Comment: Figure 2.3-1 does not show the sampling locations for PRS 54-007(e). Revise Figure 2.3-1 to depict sampling locations for all the samples taken during 1995 investigation (i.e. for PRSs 54-007(c) and PRS 54-007(e)).*

**LANL Response**

2. The 1995 Phase I Resource Conservation and Recovery Act facility investigation (RFI) sample locations for Potential Release Site (PRS) 54-007(e) have been added to Figure 2.3-1 in revision 1 of the VCA completion report. Detected organic chemicals are included in Figure 2.3-2.

**NMED Comment**

3. *Table 2.3-2, page 7:*

*HWB Comment: Figure 2.3-1 shows six sampling locations for PRS 54-007(c) (i.e. 54-9205-9207, 54-9220-9222) but according to the Table 2.3-2 only four samples were analyzed for PRS 54-007(c). Please clarify the discrepancy. If some of these samples were sludge samples, provide the sample IDs for the sludge samples and include the discussion in the text. Also, clarify if the samples were only screened for gamma radiation or were sent to a fixed laboratory for gamma analysis. The data from PRS 54-007(e) should be included in Appendix D and discussed in the text.*

### LANL Response

3. During the 1995 Phase I RFI, four soil samples (three samples and a field duplicate) were collected from the PRS 54-007(c) drain field (locations 54-0920, 54-0921, and 54-0922). Locations 54-9205, 54-9206, and 54-9207 refer to the sludge and water samples collected from the septic tank. Four RFI samples (three samples and a field duplicate) were also collected from the PRS 54-007(e) drain field (locations 54-9217, 54-9218, and 54-9219). Locations 54-9211, 54-9212, and 54-9213 refer to the sludge and water samples collected from the septic tank. Drain field samples were sent to Analytical Technologies, where they were screened for gross alpha and beta radiation and analyzed for gamma radiation by gamma spectroscopy. Sludge and water samples were sent to Weston, where they were screened for gross alpha, beta, and gamma radiation. Screening for gross radiation levels is a Department of Transportation requirement for shipping samples to a fixed off-site analytical laboratory (LANL-ER-SOP-1.03, Rev. 2, "Handling, Packaging and Shipping of Samples"). Analytical results for the 1995 Phase I RFI samples, including gamma spectroscopy results for the drain field samples, are presented in Appendix D, Table D-2.0-2, in revision 1 of the VCA report. As discussed in LANL guidance (Environmental Restoration Project 2000, 65467) (Attachment 1), the gamma spectroscopy analytical suite defined in the Environmental Restoration (ER) Project's analytical services contract consists of 43 radionuclides. Only seven radionuclides have a sufficiently high gamma intensity to make it possible to accurately assess their presence; they include americium-241, cobalt-60, cesium-134, cesium-137, europium-152, sodium-22, and ruthenium-106. None of these seven radionuclides were detected in the 1995 Phase I RFI drain field samples. The text has been corrected in revision 1 of the VCA report.

### NMED Comment

4. *Section 2.4.1, Investigative and Remediation Activities during VCAs, page 9:*

*HWB Comment: NMED concurred with LANL that waste characterization data from the contents of septic tank could be used to determine the analytical suite and requested that the data be provided in the VCA Report (Communication Record dated 11/28/00). Please provide the entire waste characterization data for NMED review. Provide rationale for not including PCBs/pesticides in the analytical suite since the waste characterization data for PCBs/pesticides was rejected.*

### LANL Response

4. The waste characterization data from 2000 are included in Table D-2.0.3, Appendix D, of revision 1 of the VCA report. The pesticide/polychlorinated biphenyl (PCB) data from 2000 were rejected because the extraction holding time was exceeded at the analytical laboratory by more than two times. Therefore, the 1995 Phase I RFI pesticide/PCB data were used to determine if any pesticides/PCBs were chemicals of potential concern (COPCs) and should be included in the VCA confirmation sample analytical suite. Pesticides/PCBs were not detected in any of the 1995 Phase I RFI samples and, therefore, were not included in the VCA confirmation sample analytical suite. The 1995 Phase I RFI pesticide/PCB data have been added to Table D-2.0-3 in Appendix D in revision 1 of the VCA report. Appendix C has been revised to include both the waste characterization data from 2000 and the pesticide/PCB data from the 1995 Phase I RFI.

**NMED Comment**

5. Section 2.4.1, 54-007(c) Septic System, page 9:

*LANL Statement: "Remedial activities for PRS 54-007(e) began on December 15, 2001, and continued through January 18, 2001."*

*HWB Comment: Correct the typographical errors; PRS under discussion is 54-007(c) not 54-007(e), and remedial activities began on December 15, 2000 not 2001.*

**LANL Response**

5. Agreed. The text has been corrected in revision 1 of the VCA report.

**NMED Comment**

6. Table 2.4-1, page 10:

*HWB Comment: Correct either the matrix or the units for sample MD54-00-0045 for uranium-234, the results are reported as pCi/g for water.*

**LANL Response**

6. The units for uranium-234 in Table 2.4-1 are correct, i.e., pCi/g. However, the matrix column was incorrect for sample MD54-00-0045. It should have read sludge not water. Samples were collected from both the sludge and water layers in each septic tank. The matrix column description for uranium-234 has been corrected for sample MD54-00-0045 in revision 1 of the VCA report.

**NMED Comment**

7. Section 2.4.1, 54-007(e) Septic System, page 13:

*LANL Statement: "Remedial activities for PRS 54-007(e) began on December 15, 2001, and continued through January 18, 2001."*

*HWB Comment: Correct the typographical error; remedial activities began on December 15, 2000 not 2001.*

**LANL Response**

7. Agreed. The text has been corrected in revision 1 of the VCA report.

**NMED Comment**

8. Figure 2.4-2, page 14:

*HWB Comment: Revise the caption to state "1995 and 2001 sample locations and detected organic chemicals (mg/kg), inorganic chemicals (mg/kg) and radionuclides (from screening data) for PRS 54-007(c)-99."*

## LANL Response

8. In accordance with LANL ER Project reporting procedures, gross radiation screening results have been removed from the figure. The figure title (Figure 2.3-2) has been changed to "Sample locations and detected organic and inorganic chemicals (mg/kg) for the 1995 Phase I RFI and the 2001 VCA at PRS 54-007(c)-99" in revision 1 of the VCA report.

## NMED Comment

9. *Data Review for VCA Samples, page 16:*

*HWB Comment: Since an RFI Report was never submitted to NMED after 1995 investigations, and the VCA was conducted to supplement the RFI data, include 1995 data review in this section. In addition, there is no discussion provided of screening results for gross alpha, beta and gamma radiation. Provide the results of radiation screening in a tabular form and include calibration results.*

## LANL Response

9. A report was never written because the Phase I RFI did not determine the nature and extent of contamination; however, the data were presented in the VCA plan (Environmental Restoration Project 2000, 68723). The Phase I RFI analytical data are presented as a separate data set in the VCA completion report because the investigation occurred five years before the VCA. Therefore, the data review was presented in Section 2.3.1, page 3-8, Previous Investigations of the completion report (Environmental Restoration Project 2000, 71351). The investigation discussion is separated into its various phases to eliminate confusion about what was detected and where and when it was detected. Also, because the analytical suites for the RFI and the VCA were different, the separation of the data reviews was necessary to clearly present the logic and sequence of sampling. Section 2.4.2 of revision 1 of the VCA report has been revised to include data reviews for the 1995 Phase I RFI data. Both data sets are incorporated in the revised conceptual model and site assessments for PRS 54-007(c)-99.

The 1995 Phase I RFI gamma spectroscopy results for the drain field samples have been added to Appendix D in revision 1 of the VCA report. The waste characterization samples for 2000 and the VCA confirmation samples for 2001 were sent to American Radiation Services for screening of gross alpha, beta, and gamma radiation, in accordance with Department of Transportation requirements. Tables in Attachment 2 to this response present the gross radiation screening results for the 1995 Phase I RFI, waste characterization samples from 2000, and the VCA confirmation samples from 2001. Gross screening results are used to ensure samples meet shipping requirements and, in some cases, for health and safety purposes in the field. Gross screening results were not used for any RFI characterization or cleanup decisions. The sample-shipping restrictions are described in LANL-ER-SOP-1.03, Rev. 2, "Handling, Packaging and Shipping of Samples." The ER Project Sample Management Office totals the three gross radiation values for each sample to determine whether the total value falls below the 2nCi/g level designated by Department of Transportation regulations. Samples with gross radiation levels above 2nCi/g have special shipping requirements. American Radiation Services calibration results for radiological screening are presented in Attachment 3.

**NMED Comment**

10. *Section 2.4.3.1 Nature and Extent of Contamination, page 21:*

*LANL Statement: "These analytical results were all reported at concentrations below their EQLs."*

*HWB Comment: The statement is inaccurate. Acetone, and isopropyltoluene[4-] were detected above their respective EQLs. Please revise the statement.*

**LANL Response**

10. Acetone was detected above the estimated quantitation limits (EQLs) in samples collected from one of the drain fields. Of these four detected concentrations of acetone, only two exceeded the EQL (by 0.004 to 0.011 mg/kg). The chemical 4-isopropyltoluene was detected at 0.0077 mg/kg (J) in the drain field (MD54-00-0101); the EQL for this sample was 0.0079 mg/kg. Therefore, 4-isopropyltoluene was detected below the EQL.

The text has been changed in revision 1 of the VCA report to read "These analytical results were all reported at concentrations below their EQLs, except for acetone in two samples. The detected concentrations of acetone were slightly above the EQLs by 0.004 mg/kg to 0.011 mg/kg."

**NMED Comment**

11. *Section 2.4.3.1 Nature and Extent of Contamination, page 21:*

*LANL Statement : "With the exception of a single detect for bis(2-ethylhexyl)phthalate (0.8mg/kg), these analytical results were all detected at concentrations less than their EQLs...."*

*HWB Comment: The statement is inaccurate. Acetone was detected above its EQL of 0.01 mg/kg. Please revise the statement.*

**LANL Response**

11. Agreed. Acetone was detected above the EQLs for the respective samples in five samples. EQLs ranged between 0.019 mg/kg and 0.025 mg/kg and the detected concentrations ranged between 0.005 mg/kg and 0.017 mg/kg above the EQLs.

The text has been changed in revision 1 of the VCA report to read as follows: "With the exception of five detects of acetone and a single detect for bis(2-ethylhexyl)phthalate, these analytical results were all detected at concentrations less than their EQLs.... The detected concentrations of acetone were slightly above the respective sample EQLs by 0.004 mg/kg to 0.011 mg/kg and the detect of bis(2-ethylhexyl)phthalate was above the EQL by 0.42 mg/kg."

**NMED Comment**

12. *Table 2.5-1, page 24:*

*HWB Comment: Provide a reference and source of the SAL value (160 mg/kg) used for 4-isopropyltoluene.*

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#### LANL Response

12. A screening action level (SAL) is not available for 4-isopropyltoluene, so a surrogate was used. The SAL for isopropylbenzene or cumene was used because of its structural similarity to 4-isopropyltoluene. The value of 160 mg/kg was taken from the Environmental Protection Agency Region 6 table of medium-specific screening levels (EPA 2000, 68410) because the NMED list of soil-screening levels does not include one for isopropylbenzene. A footnote has been added to Table 2.5-1 in revision 1 of the VCA report explaining the origin of the 4-isopropyltoluene SAL.

#### NMED Comment

13. Section 2.5.1.2, Uncertainty Analysis, page 28-29:

*HWB Comment: Clarify the discrepancy in the EQL values quoted in the text and the ones reported in the Table 2.4-3 (e.g. bromomethane 0.005mg/kg in the text vs. 0.01 mg/kg in the table). Similar discrepancies were found for carbon disulfide, isopropyltoluene[4-], and methyl-2-pentanone[4-].*

#### LANL Response

13. The EQLs listed in Table 2.4-3 should be the maximum EQLs obtained for each analyte. Most samples had EQLs less than the maximum. The maximum EQLs listed in the table are incorrect and have been corrected in revision 1 of the VCA report. The bromomethane EQL quoted on page 28 of the VCA completion report (Environmental Restoration Project 2000, 71351) should be 0.0055 mg/kg for samples MD54-01-0007 and MD54-01-0008, which is less than the maximum EQL for fill of 0.016 mg/kg for sample MD54-00-0101. The carbon disulfide EQL quoted on page 29 should be 0.0055 mg/kg and 0.0057 mg/kg for samples MD54-01-0007 and MD54-01-0008 and 0.0057 mg/kg for sample MD54-00-0057, which is less than the maximum EQL for fill of 0.0079 mg/kg for sample MD54-00-0101. The 4-isopropyltoluene EQL quoted on page 29 should be 0.0079 mg/kg for sample MD54-00-0101, which is the maximum EQL for 4-isopropyltoluene and should be in Table 2.4-3. The methyl-2-pentanone[4-] EQL quoted on page 29 should be 0.027 mg/kg for sample MD54-01-0018, which is less than the maximum EQL for Qbt 3 of 0.027 mg/kg for samples MD54-00-0095 and MD54-01-0046. A corrected version of Table 2.4-3 is presented below. None of the noncarcinogenic COPCs were present in the sludge and water samples collected during 2000 from the septic tanks at PRS 54-007(c)-99, and the only carcinogenic COPC present in the sludge and water samples collected during 2000 from the septic tanks at PRS 54-007(c)-99 was acetone.

**Table 2.4-3**  
**Frequency of Detected Organic Chemicals in**  
**Confirmation Samples Collected During the 2001 VCA at PRS 54-007(c)-99**

Analyte	Medium	Number of Analyses	Number of Detects	Concentration Range* (mg/kg)	EQL <sup>b</sup> (mg/kg)	Frequency of Detects
Acetone	Soil	22	10	0.012-0.059	0.031	10/22
Acetone	Fill	13	2	[0.02]-0.033	0.031	2/13
Acetone	Qbt 3	8	4	0.014-0.038	0.027	4/8
Bis(2-ethylhexyl)phthalate	Soil	22	1	[0.34]-0.8	0.41	1/22
Bis(2-ethylhexyl)phthalate	Fill	13	5	0.048-[0.37]	0.37	5/13
Bis(2-ethylhexyl)phthalate	Qbt 3	8	1	0.041-[0.38]	0.38	1/8
Bromomethane	Fill	13	2	0.0027-[0.016]	0.016	2/13
Butanone[2-]	Soil	22	3	0.0037-[0.031]	0.031	3/22
Butylbenzylphthalate	Fill	13	1	0.049-[0.37]	0.37	1/13
Carbon disulfide	Soil	22	1	0.0024-[0.0075]	0.0075	1/22
Carbon disulfide	Fill	13	2	0.0019-[0.079]	0.0079	2/13
Dimethylphthalate	Soil	13	1	[0.33]-1.2	0.41	1/13
Isopropyltoluene[4-]	Fill	13	1	[0.0049]-[0.0079]	0.0079	1/13
Methyl-2-pentanone[4-]	Qbt 3	8	1	0.0025-[0.027]	0.027	1/8
Toluene	Fill	13	1	0.0022-[0.0079]	0.0079	1/13
Trichlorofluoromethane	Soil	22	1	0.0012-[0.015]	0.015	1/22

\* Values in brackets indicate nondetected results.

<sup>b</sup> EQLs listed are the maximum EQLs for all of the samples. Sample-specific EQLs may be lower than the value in the table.

#### NMED Comment

14. Appendix D, page D-4:

*HWB Comment: Revise the Table D-2.0-1 caption to read "Analytical Results for PRS 54-007(c)-99, 1995 RFI Data", since the 1995 RFI Report was never written or was never submitted to NMED. To facilitate review, please repeat column headings on every page. Include the data for PRS 54-007(e) in the table. In addition, include the data for 2000 sludge and water samples taken from the tanks.*

#### LANL Response

14. The table heading has been changed and column headings have been added to each page. In revision 1 of the VCA report, the 1995 Phase I RFI data for PRS 54-007(e) have been added to Table D-2.0-1 and Appendix C, and the waste characterization data for 2000 for septic tank sludge and water samples have been added to Appendix D as Table D-2.0-3.

## **NMED Comment**

### **15. Appendix J:**

*HWB Comment: Include Communication Record dated 11/28/00 that documented NMED's comments on the VCA Plan in Appendix J.*

## **LANL Response**

15. The communication record has been added to Appendix I of revision 1 of the VCA report. Appendixes were renumbered because the VCA plan was not included in revision 1 of the VCA report.

## **References**

Environmental Restoration Project, March 2000. "Approach to Gamma Spectroscopy Data Quality Evaluation," Los Alamos National Laboratory report LA-UR-00-1088, Los Alamos, New Mexico (Environmental Restoration Project 2000, 65467)

Environmental Restoration Project, October 2000. "Voluntary Correction Action Plan for Potential Release Site 54-007(c)-99," Los Alamos National Laboratory report LA-UR-00-3905, Los Alamos, New Mexico. (Environmental Restoration Project 2000, 68723)

Environmental Restoration Project, September 2001. "Voluntary Correction Action Completion Report for Potential Release Site 54-007(c)-99," Los Alamos National Laboratory report LA-UR-01-5311, Los Alamos, New Mexico. (Environmental Restoration Project 2000, 71351)

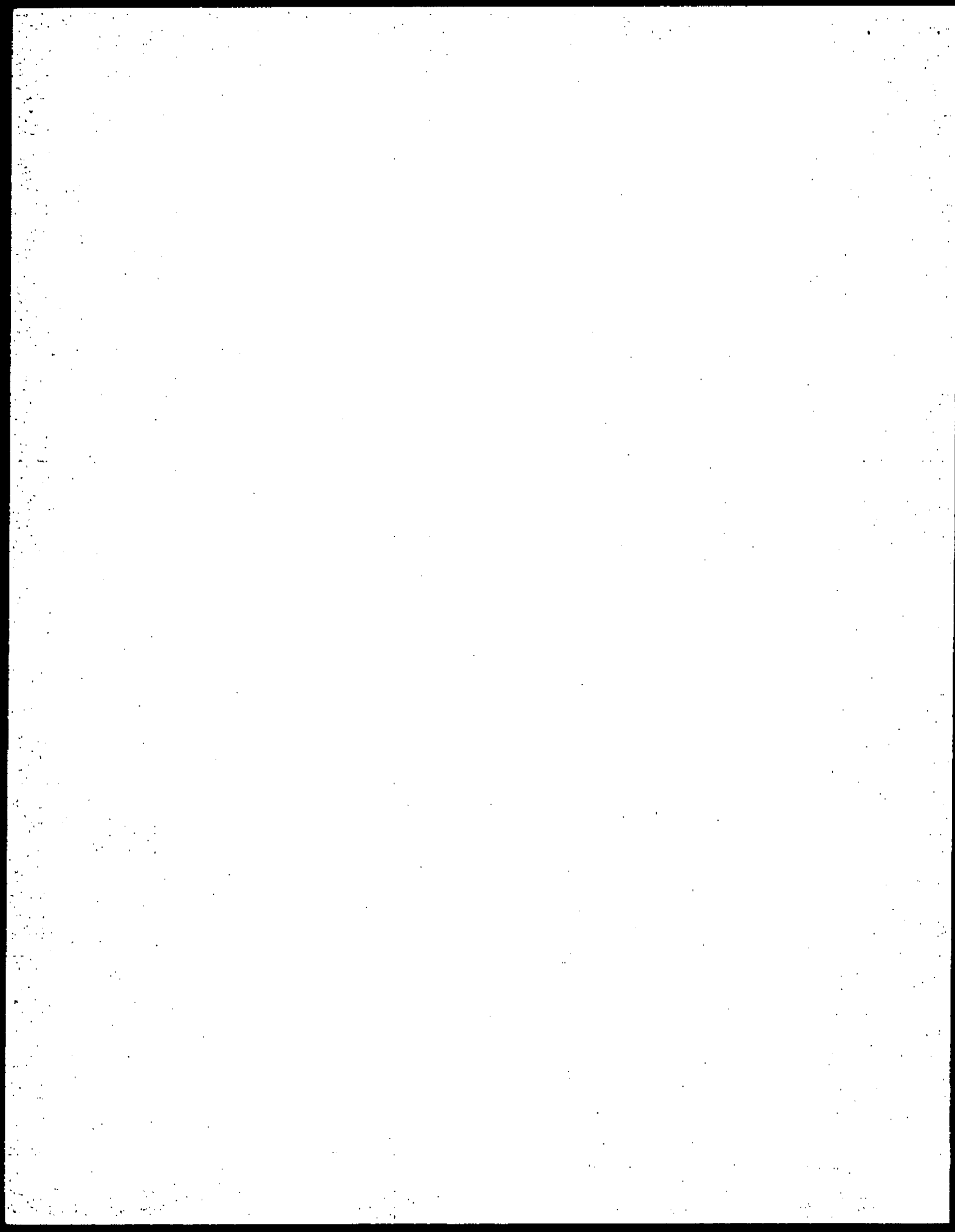
EPA (US Environmental Protection Agency), September 2000. "EPA Region 6 Human Health Medium-Specific Screening Levels," US EPA Region 6, Dallas, Texas,  
[http://www.epa.gov/Region06/6pd/xcra\\_c/pd-n/screen.htm](http://www.epa.gov/Region06/6pd/xcra_c/pd-n/screen.htm). (EPA 2000, 68410)



## **Attachment 1**

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*Approach to Gamma Spectroscopy Data Quality Evaluation*





(see erid # 65467)

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Produced by the Analysis and Assessments Focus Area

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### **Acronyms**

EDD	electronic data deliverable
ER	environmental restoration
LANL	Los Alamos National Laboratory
LCS	laboratory control sample
QC	quality control
SAL	screening action level
SOW	statement of work

## 1.0 PURPOSE

This technical guidance paper outlines the recommended approach for the data quality evaluation of gamma spectroscopy data at Los Alamos National Laboratory's (LANL's) Environmental Restoration (ER) Project. This document is also intended to inform data users of certain attributes of the analytical suite that will affect data use, and to alert data users to potential limitations in the quality of the gamma spectroscopy data. The ER Project gamma spectroscopy suite is a requirement of the 1995 statement of work (SOW) for analytical services (LANL 1995, 49738), and has been in use by the subcontract analytical laboratories since April 1995. Table 1.0-1 lists the analytes included in the gamma spectroscopy suite. Table 1.0-1 also summarizes the recommended approach and rationale for data quality evaluation that occurs in the focused validation process, which is discussed in Chapter 3 of the ER Project installation work plan (LANL 1998, 62060). For 36 of the 43 gamma spectroscopy analytes, professional judgment should be exercised in the use of gamma spectroscopy data. ER Project chemists, statisticians, risk assessors, and any other users of the ER Project gamma spectroscopy data set, should read this document.

## 2.0 INTRODUCTION

In April 1995, the ER Project adopted a protocol for an electronic data deliverable (EDD). This protocol is based on a spreadsheet format with fixed field definitions (i.e., the analytical laboratories cannot define new fields). Because field definitions are fixed, it was necessary to define a fixed analyte suite for the gamma spectroscopy analysis that would be performed under the 1995 ER Project SOW for analytical services. Adoption of a standardized suite ensured that a consistent set of target analytes would be measured and reported by all subcontractor laboratories that analyze ER Project samples.

### 1995 ER Project Gamma Spectroscopy Suite

The 1995 ER Project gamma spectroscopy analyte suite that is defined in the project's analytical services SOW consists of 43 radionuclides (Table 2.0-1). The radionuclides included in the suite were drawn from the following four sources:

1. Radionuclides present on the 1995 ER Project screening action levels (SALs) list that can be measured by gamma spectroscopy (mostly fission and activation products), and selected progeny of those radionuclides that can be measured by gamma spectroscopy.
2. Any radionuclide that the ER Project previously requested for analysis by gamma spectroscopy or that has been consistently reported by the subcontractor laboratories under the previous SOW for analytical services.
3. Naturally occurring gamma-emitting radionuclides in the actinium, thorium, and uranium decay series that are amenable to gamma spectroscopy measurement, as well as potassium-40 and annihilation radiation. These naturally occurring radionuclides, *with the exception of U-235*, are included primarily as "data quality" analytes to indicate the quality of the gamma spectroscopy measurement. They are not intended for evaluation as potential primary radiological contaminants at ER Project sites.

**Table 1.0-1**  
**Recommended Data Quality Evaluation Approach**  
**for ER Project Gamma Spectroscopy Suite**

Analyte	Data Quality Evaluation Approach
Am-241      Eu-152 Co-60      Na-22 Cs-134      Ru-106 Cs-137      U-235	Evaluate as potential historical contaminant.
Ce-144 Co-57 Mn-54 Pa-233 Se-75 Zn-65	Anthropogenic radionuclide measured by gamma spectroscopy with half-life less than 365 days; typically not evaluated as primary radionuclide. Data use should be based on professional judgment.
Ac-228      Pa-234m, Pb-210 Ba-140      Pb-211 Bi-212      Ra-223 I-129      Ra-224 La-140      Ra-226 Np-237 Pa-231      Rn-219	Radionuclide is not reliably measured by gamma spectroscopy. Data use should be based on professional judgment. Manual review of the raw data is recommended before use.
Bi-211      Th-227 Bi-214      Th-234 K-40      Tl-208 Pb-212      Annihilation radiation Pb-214	Naturally occurring radionuclide measured by gamma spectroscopy. Data use should be based on professional judgment.
Cd-109      Sn-113 Ce-139      Sr-85 Hg-203      Y-88	Radionuclide measured by gamma spectroscopy for quality control purposes only. Data use should be based on professional judgment.



Table 2.0-1  
ER Project Gamma Spectroscopy Suite  
(April 1995 to present)

Analyte	Half-Life	Comment
Activation products (and their decay products)		
Am-241	432.2 yr	Potential historical contaminant
Co-57	270.9 days	Half-life less than 365 days.
Co-60	5.271 yr	Potential historical contaminant
Mn-54	312.5 days	Half-life less than 365 days
Na-22	2.602 yr	Potential historical contaminant
Np-237	$2.14 \times 10^6$ yr	Not reliably measured.
Pa-233	27.0 days	Half-life less than 365 days.
Se-75	119.78 days	Half-life less than 365 days.
Zn-65	243.9 days	Half-life less than 365 days.
Fission products		
Ba-140	12.74 days	Not reliably measured. Half-life less than 365 days.
Ce-144	284.3 days	Half-life less than 365 days.
Cs-134	2.062 yr	Potential historical contaminant
Cs-137	30.0 yr	Potential historical contaminant
Eu-152	13.33 yr	Potential historical contaminant
I-129	$1.57 \times 10^7$ yr	Not reliably measured.
La-140	40.272 hr	Not reliably measured. Half-life less than 365 days.
Ru-106	368.2 days	Potential historical contaminant
Actinium series (progeny of U-235)		
Bi-211	2.14 months	Data quality analyte
Pb-211	36.1 months	Not reliably measured. Redundant with other progeny in decay series.
Pa-231	$3.28 \times 10^4$ yr	Not reliably measured.
Ra-223	11.434 days	Not reliably measured. Redundant with other progeny in decay series.
Rn-219	3.96 sec	Not reliably measured. Redundant with other progeny in decay series.
Th-227	18.718 days	Data quality analyte
U-235	$7.04 \times 10^8$ yr	Naturally occurring and/or potential historical contaminant.
Thorium series (progeny of Th-232)		
Ac-228	6.13 hr	Not reliably measured. Redundant with other progeny in decay series.
Bi-212	60.55 months	Not reliably measured. Redundant with other progeny in decay series.
Pb-212	10.64 hr	Data quality analyte

Table 2.0-1 (Continued)

Analyte	Half-Life	Comment
Ra-224	3.66 days	Not reliably measured. Redundant with other progeny in decay series.
Tl-208	3.07 months	Data quality analyte
Uranium series (progeny of U-238)		
Bi-214	19.9 months	Data quality analyte.
Pb-210	22.3 yr	Not reliably measured.
Pb-214	26.8 months	Data quality analyte.
Pa-234m	1.17 months	Not reliably measured.
Ra-226	1600 yr	Not reliably measured.
Th-234	24.10 days	Data quality analyte
Miscellaneous		
Annihilation radiation		Data quality analyte
K-40	$1.28 \times 10^8$ yr	Data quality analyte
Cd-109	462.0 days	QC analyte
Co-139	137.6 days	QC analyte
Hg-203	46.60 days	QC analyte
Sn-113	115.1 days	QC analyte
Sr-85	64.84 days	QC analyte
Y-88	106.6 days	QC analyte

4. "Quality control" (QC) radionuclides the analytical laboratory typically uses in its laboratory control samples (LCSs) for instrument calibration and checks on instrument performance. The ER Project baseline validation procedure and ER Project chemists use the recovery level of these analytes from QC samples to evaluate measurement quality. These radionuclides typically are not expected to be present in ER Project samples because of their short half-lives, and should have no direct use in risk assessment.

### 3.0 PROPOSED DATA QUALITY EVALUATION APPROACH

Table 1.0-1 summarizes the proposed ER Project data quality evaluation approach. The gamma spectroscopy suite can be broadly divided into three categories (Table 2.0-1): (1) fission and activation products; (2) naturally occurring decay series "data quality" radionuclides (the actinium, thorium and uranium series *excluding* uranium-235); and (3) "QC" radionuclides. The project bases its recommendation for data quality evaluation on the following considerations:

- Fission and activation products with half-lives less than 365 days typically are not evaluated as historic contaminants at ER Project sites. Generally, historical releases of radionuclides with half-lives less than one year decay to insignificant quantities if the site is inactive (or if radionuclides have not been released, handled, or stored at the site) for at least 10 half-lives of any suspected radionuclide contaminant.

- For several redundant measurements of naturally occurring decay series progeny, measuring only two or three progeny in each decay series provides adequate information. Some of the progeny are not as reliably measured by gamma spectroscopy as are others in the same decay series.
- Years of usage have shown that gamma spectroscopy is not a reliable measurement technique for certain radionuclides; Table 2.0-1 lists these radionuclides as "not reliably measured." The naturally occurring radionuclides have varying detection limits, making the presence of elevated levels difficult to determine. The quality of the gamma spectroscopy data for the other radionuclides that are not reliably measured by gamma spectroscopy typically does not meet the requirements of the ER Project due to interferences in their gamma spectra. Data for these radionuclides should be used only after review by a technical expert.
- "QC" radionuclides are included in the list of reported gamma-emitting isotopes only to provide information about the quality of the gamma spectroscopy measurement. They are not intended for evaluation as potential historical contaminants at ER Project sites.

#### 4.0 RECOMMENDED APPROACH

The ER Project's recommended data quality evaluation approach groups the gamma spectroscopy analytes into five categories: potential historical contaminants, anthropogenic radionuclides with half-lives less than 365 days, radionuclides not reliably measured, data quality radionuclides, and QC radionuclides.

##### 4.1 Potential Historical Contaminants

Gamma spectroscopy analytes that can be reliably measured and typically are evaluated as potential historical contaminants at ER Project sites include uranium-235 and seven fission and activation products. Uranium-235 occurs naturally in LANL soils and tuff, and also may be present due to LANL's historical operations.

Uranium-235 is considered a potential historical contaminant even though it does not have good gamma emission and detection properties at background levels that are typical of ER Project samples due to interferences from radium-226. Alpha spectroscopy analysis is recommended because it more accurately assesses the presence of uranium-235.

Potential historical contaminants at LANL include fission and activation products that meet the following three criteria: (1) they must have a half-life of greater than 365 days; (2) they must be nongaseous; and (3) they must have good gamma-emission and -detection properties. Good gamma-emission properties include a sufficiently high gamma intensity (ratio of emissions per disintegration); peaks within the instrument's sensitive range; single or easily deconvoluted peaks; a high peak-to-baseline ratio; and peaks falling on the flatter portion of the baseline (not on a Compton edge). The seven radionuclides that meet these criteria are americium-241, cobalt-60, cesium-134, cesium-137, europium-152, sodium-22, and ruthenium-106. It should be noted that qualifiers may be applied to data for these radionuclides as part of the ER Project baseline validation procedure or during focused validation.

##### 4.2 Anthropogenic Radionuclides with Half-Lives Less than 365 Days

This category includes fission and activation products that are measured by gamma spectroscopy and that have half-lives less than 365 days. These anthropogenic radionuclides may be associated with

historical releases, depending on the age of the release. Professional judgment should be exercised in the use of data for these radionuclides, taking into consideration past and current activities at the site. The following six radionuclides are included in this category: cesium-144, cobalt-57, manganese-54, protactinium-233, selenium-75, and zinc-65.

#### **4.3 Radionuclides Not Reliably Measured**

Fourteen radionuclides in the gamma spectroscopy suite are not reliably measured by gamma spectroscopy. Data quality limitations result from poor sensitivity of the gamma spectrometer or interferences in the gamma spectrum that lead to large uncertainties in identification and quantitation. A manual check of the hardcopy data package should be performed. Professional judgment should be exercised in the use of gamma spectroscopy data for the following radionuclides: actinium-228, barium-140, bismuth-212, iodine-129, lanthanum-140, neptunium-237, protactinium-231, protactinium-234m, lead-210, lead-211, radium-223, radium-224, radium-226, and radon-219. If any of these radionuclides are suspected contaminants at an ER Project site, alternative measurement methods should be considered.

Particular data use concerns are associated with four naturally occurring radionuclides: protactinium-231, protactinium-234m, lead-210, and radium-226. The radionuclides protactinium-231 and protactinium-234m occur early in the uranium-235 and uranium-238 decay series, respectively. As discussed further in Section 4.4 of this document, these radionuclides may indicate the presence of uranium-235 or uranium-238 for which there has not been sufficient time for ingrowth of the later progeny to measurable concentrations. However, the characteristics of both protactinium-231 and protactinium-234m are not reliable for quantitation by gamma spectroscopy. Interpreting results for these radionuclides requires some technical expertise, and a technical expert should review the data before they are used. Therefore, although they may corroborate isotopic uranium results, these radionuclides are not recommended for use as primary indicators of uranium contamination.

The radionuclides lead-210 and radium-226 may be considered primary radionuclides for risk assessment purposes. Gamma spectroscopy is not the preferred analytical method for these radionuclides. The gamma spectrum of radium-226 is subject to interference from uranium-235, and an adequate in-growth period to reach equilibrium with the radon progeny must be allowed to obtain a reliable measurement. Preferred analytical methods for radium-226 are chemical separation and alpha emission measurement (soil samples), or radon emanation (water samples). The gamma spectrum of lead-210 is subject to interference from low energy x-rays. Preferred analytical methods for lead-210 include chemical separation and beta emission analysis by liquid scintillation counting or gas-flow proportional counting.

#### **4.4 Data Quality Radionuclides**

Certain naturally occurring radionuclides that are reliably measured by gamma spectroscopy can indicate the quality of the gamma spectroscopy measurement. Selected naturally occurring progeny in the actinium, thorium, and uranium decay chains, as well as annihilation radiation and potassium-40, are included in the gamma suite as "data quality" analytes. Measuring more than two or three progeny in a decay series is redundant; therefore, only the radionuclides with good gamma spectroscopy features are considered in this category. Professional judgment should be exercised in the use of data for the following analytes: bismuth-211, bismuth-214, potassium-40, lead-212, lead-214, thorium-227, thorium-234, thallium-208, and annihilation radiation.

The "data quality" analytes typically are not evaluated as potential contaminants because historical operations at LANL employed materials that had been processed off-site to remove these progeny.

Therefore, with the few exceptions discussed below, historical operations at LANL are unlikely to have enhanced the levels of these naturally occurring radionuclides in environmental media. For example, for a hypothetical release of processed uranium that occurred 50 yr ago, the activity ratio for most of the progeny is insignificant and these progeny would not be detected by routine gamma spectroscopy measurements. Further description of the decay series equilibrium relationships can be found in "EPA Guidance for Data Useability in Risk Assessment (Part B)" (EPA 1992, 56474).

The "data quality" radionuclides primarily are intended to indicate the quality of the gamma spectroscopy measurement. Measurements of naturally occurring radionuclides known to be present in LANL soils can serve two purposes:

1. Indicate the quality of the gamma spectroscopy measurement. Background values are available for the parent radionuclides and some of their progeny, and can be used to determine if the measured values are reasonable. Failure to detect some or all of the naturally occurring radionuclides may indicate decreased sensitivity in the measurement that would impact the ability of the instrument to detect potential contaminant radionuclides.
2. Indicate locally elevated background concentrations of uranium and thorium isotopes. Data for some progeny radionuclides can be useful when values reported for thorium-232, uranium-235, or uranium-238 (usually measured by alpha spectrometry) are evaluated, because the relative activity concentration of parent and progeny isotopes is a known quantity.

The results for most of the naturally occurring radionuclides included in the gamma spectroscopy suite typically are not included in a risk-based screening assessment because of their short half-lives. In addition, if a uranium or thorium release is suspected at a site, the progeny radionuclides are not evaluated separately because their emissions typically are included in the dose conversion factors for the appropriate parent radionuclides.

Three naturally occurring radionuclides measured by gamma spectroscopy are early progeny in the decay series. Protactinium-231 is the decay product of uranium-235 (via thorium-231), and may indicate the presence of uranium-235 for which there has not been sufficient time for ingrowth of the later progeny to measurable concentrations. Similarly, thorium-234 and protactinium-234m may indicate the presence of uranium-238. The amount of elevation above background levels for these progeny will depend on the age of release. (LANL-specific background values are not available for these radionuclides.)

Unfortunately, the radionuclides protactinium-231 and protactinium-234m are not reliably measured by gamma spectroscopy. Of the three radionuclides, only thorium-234 is reliably measured by gamma spectroscopy and may indicate the presence of uranium contamination or corroborate isotopic uranium results. However, if uranium contamination is suspected at a site, analysis for uranium isotopes using alpha spectrometry or mass spectrometry is strongly recommended.

Potassium-40 is a primordial radionuclide that occurs in combination with all forms of stable potassium. It is present in LANL soil and tuff samples at levels ranging from approximately 15 to 40 pCi/g. (The LANL-specific background value for potassium-40 is based on analysis of total potassium.) Potassium-40 is measured easily and reliably by gamma spectroscopy, and is a prominent feature in the gamma spectra of LANL soils. Therefore, this radionuclide is an excellent indicator of the quality of the gamma spectroscopy measurement. Because potassium-40 should be readily detected in LANL soil samples, the potassium-40 results for laboratory duplicate samples can be used to estimate the precision of the gamma spectroscopic measurement. Potassium-40 also may form as an activation product, but anthropogenic sources of potassium-40 due to historical operations are not known to exist at any ER Project sites.

Annihilation radiation is a pervasive gamma emission at 511 keV that has several sources. It can be useful to confirm the presence of a positron emitter, such as sodium-22, or large activities of very energetic gamma emitters, such as cobalt-60. However, its main application is as a data quality indicator. Given its pervasive nature, it is expected to be detected in almost every analysis where sufficient count time and sample size are being used. Failure to detect the annihilation radiation may indicate that the energy calibration of the system has shifted.

#### **4.5 Quality Control Radionuclides**

Six radionuclides were included in the gamma spectroscopy suite because they are typically used by the analytical laboratory in their LCSs for instrument calibration and checks on instrument performance. The "QC" radionuclides typically used in LCSs are cadmium-109, cesium-139, mercury-203, tin-113, strontium-85, and yttrium-88. As part of the ER Project routine validation process, the results for some or all of these radionuclides in QC samples are used to determine the control status of the measurement. They typically are not expected to be present in ER Project samples because of their short half-lives. Professional judgment should be exercised in the use of data for these radionuclides.

#### **5.0 REFERENCES**

EPA (US Environmental Protection Agency), May 1992. "Guidance for Data Useability in Risk Assessment (Part B)," Publication 9285.7-09B, Office of Emergency and Remedial Response, Washington, DC. (EPA 1992, 56474)

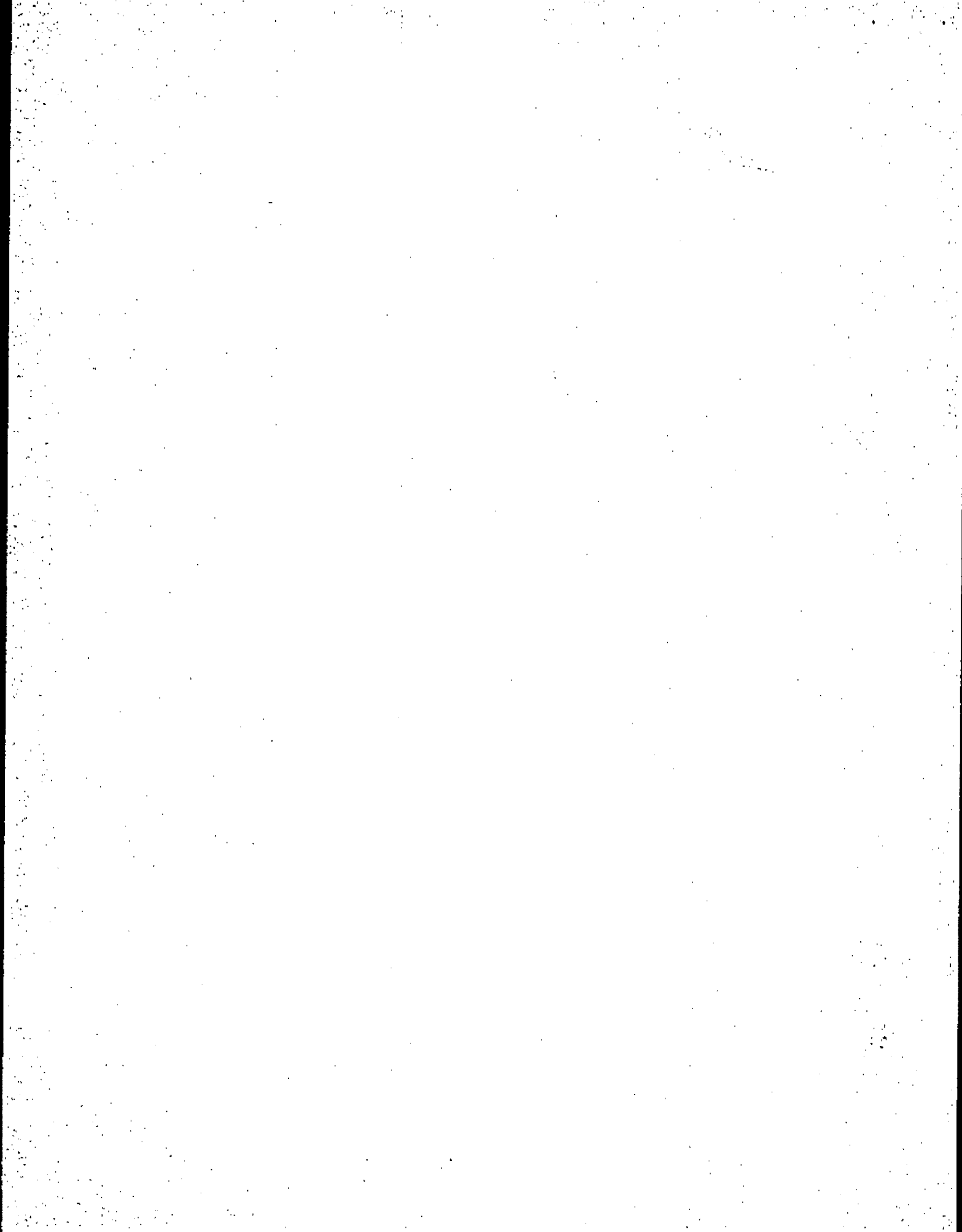
LANL (Los Alamos National Laboratory), July 1995. "Statement of Work - Analytical Support," Revision 2, RFP No. 9-XSt-Q4257, Los Alamos, New Mexico. (LANL 1995, 49738)

LANL (Los Alamos National Laboratory), November 1998. "Installation Work Plan for Environmental Restoration Project," Revision 7, Los Alamos National Laboratory Report LA-UR-98-4652, Los Alamos, New Mexico. (LANL 1998, 62060)

## **Attachment 2**

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### *Gross Radiological Screening Data*





# ATTACHMENT 2 GROSS RADIOLOGICAL SCREENING DATA

Table 2-1  
Gross Radiological Screening Data for 1995 Phase I RFI<sup>a</sup> Samples, PRS<sup>b</sup> 54-007(c)-99

Sample ID	Media Code	Analyte	Result (pCi/g)	Report Qualifier
0554-95-2028	Soil	Gross alpha radiation	20.3	U <sup>c</sup>
0554-95-2028	Soil	Gross beta radiation	31.1	None
0554-95-2029	Soil	Gross alpha radiation	15.2	U
0554-95-2029	Soil	Gross beta radiation	25.4	None
0554-95-2030	Soil	Gross alpha radiation	7.7	U
0554-95-2030	Soil	Gross beta radiation	23.1	None
0554-95-2031	Soil	Gross alpha radiation	13	U
0554-95-2031	Soil	Gross beta radiation	22.2	None
0554-95-2035	Soil	Gross alpha radiation	7.6	U
0554-95-2035	Soil	Gross beta radiation	27.4	None
0554-95-2036	Soil	Gross alpha radiation	9.5	U
0554-95-2036	Soil	Gross beta radiation	20.5	U
0554-95-2037	Soil	Gross alpha radiation	6.9	U
0554-95-2037	Soil	Gross beta radiation	22.9	None
0554-95-2038	Soil	Gross alpha radiation	16.1	U
0554-95-2038	Soil	Gross beta radiation	26	None
0554-95-2008	Waste	Gross alpha radiation	5	None
0554-95-2008	Sludge	Gross beta radiation	20.1	None
0554-95-2008	Sludge	Gross gamma radiation	31.8	None
0554-95-2014	Sludge	Gross alpha radiation	66	None
0554-95-2014	Sludge	Gross beta radiation	108	None
0554-95-2014	Sludge	Gross gamma radiation	347	None

<sup>a</sup> RFI = Resource Conservation and Recovery Act facility investigation.

<sup>b</sup> PRS = potential release site.

<sup>c</sup> The analyte was analyzed for but not detected. Reported value is the sample-specific estimated quantitation limit or detection limit.

**Table 2-2**  
**Gross Radiological Screening Results**  
**for Waste Characterization Samples from 2000, PRS 54-007(c)-99**

Sample ID	Media Code	Analyte	Result	Detection Limit (pCi/L)
MD54-00-0037/0047	Sludge	Gross alpha	BDL*	26.4
MD54-00-0037/0047	Sludge	Gross beta	BDL	54.6
MD54-00-0037/0047	Sludge	Gross gamma	BDL	551.5
MD54-00-0038/0048	Sludge	Gross alpha	BDL	21.0
MD54-00-0038/0048	Sludge	Gross beta	BDL	50.3
MD54-00-0038/0048	Sludge	Gross gamma	BDL	536.6
MD54-00-0039/0045	Sludge	Gross alpha	BDL	22.0
MD54-00-0039/0045	Sludge	Gross beta	ND	51.1
MD54-00-0039/0045	Sludge	Gross gamma	BDL	527.5
MD54-00-0040/0046	Sludge	Gross alpha	BDL	23.5
MD54-00-0040/0046	Sludge	Gross beta	BDL	52.2
MD54-00-0040/0046	Sludge	Gross gamma	BDL	562.3

\* BDL = below detection limits.

**Table 2-3**  
**Gross Radiological Screening Results for VCA\* Samples from 2001, PRS 54-007(c)-99**

Sample ID	Media Code	Analyte	Result	Detection Limit (pCi/g)
MD54-00-0094	Fill	Gross alpha	12.6	11.5
MD54-00-0094		Gross beta	34.1	15.3
MD54-00-0094		Gross gamma	9.5	1.8
MD54-00-0095	Obt 3	Gross alpha	12.6	11.5
MD54-00-0095		Gross beta	34.1	15.3
MD54-00-0095		Gross gamma	10.3	1.9
MD54-00-0096	Fill	Gross alpha	BDL	12.1
MD54-00-0096		Gross beta	18.2	15.9
MD54-00-0096		Gross gamma	8.1	1.7
MD54-00-0097	Fill	Gross alpha	BDL	12.3
MD54-00-0097		Gross beta	28.7	16.2
MD54-00-0097		Gross gamma	7.1	1.8
MD54-00-0098	Fill	Gross alpha	BDL	11.3
MD54-00-0098		Gross beta	42.5	14.9
MD54-00-0098		Gross gamma	9.8	2.1
MD54-00-0099	Obt 3	Gross alpha	BDL	11.8
MD54-00-0099		Gross beta	49.1	15.9
MD54-00-0099		Gross gamma	12.0	1.9

Table 2-3 (continued)

Sample ID	Media Code	Analyte	Result	Detection Limit (pCi/g)
MD54-00-0100/0154	Fill	Gross alpha	BDL	11.9
MD54-00-0100/0154		Gross beta	44.0	15.6
MD54-00-0100/0154		Gross gamma	9.2	2.1
MD54-00-0101	Fill	Gross alpha	22.6	12.1
MD54-00-0101		Gross beta	59.1	16.3
MD54-00-0101		Gross gamma	14.3	3.6
MD54-00-0102	Fill	Gross alpha	BDL	12.1
MD54-00-0102		Gross beta	36.3	16.0
MD54-00-0102		Gross gamma	10.3	2.3
MD54-00-0103	Fill	Gross alpha	14.3	12.2
MD54-00-0103		Gross beta	33.4	16.3
MD54-00-0103		Gross gamma	8.1	1.6
MD54-00-0104	Fill	Gross alpha	17.3	12.3
MD54-00-0104		Gross beta	18.1	16.3
MD54-00-0104		Gross gamma	8.4	1.9
MD54-00-0105	Fill	Gross alpha	23.9	12.3
MD54-00-0105		Gross beta	56.7	16.5
MD54-00-0105		Gross gamma	9.9	2.0
MD54-01-0007	Fill	Gross alpha	20.8	12.6
MD54-01-0007		Gross beta	51.2	17.2
MD54-01-0007		Gross gamma	6.8	1.9
MD54-01-0008	Fill	Gross alpha	24.1	12.3
MD54-01-0008		Gross beta	52.6	16.6
MD54-01-0008		Gross gamma	7.1	1.2
MD54-01-0014	Soil	Gross alpha	BDL	12.0
MD54-01-0014		Gross beta	35.5	15.9
MD54-01-0014		Gross gamma	5.7	1.5
MD54-01-0015	Soil	Gross alpha	BDL	12.3
MD54-01-0015		Gross beta	28.1	16.4
MD54-01-0015		Gross gamma	5.5	1.6
MD54-01-0016	Obr 3	Gross alpha	20.1	12.0
MD54-01-0016		Gross beta	52.4	10.4
MD54-01-0016		Gross gamma	13.0	1.5
MD54-01-0017	Soil	Gross alpha	BDL	12.3
MD54-01-0017		Gross beta	25.2	16.8
MD54-01-0017		Gross gamma	6.0	1.4

Table 2-3 (continued)

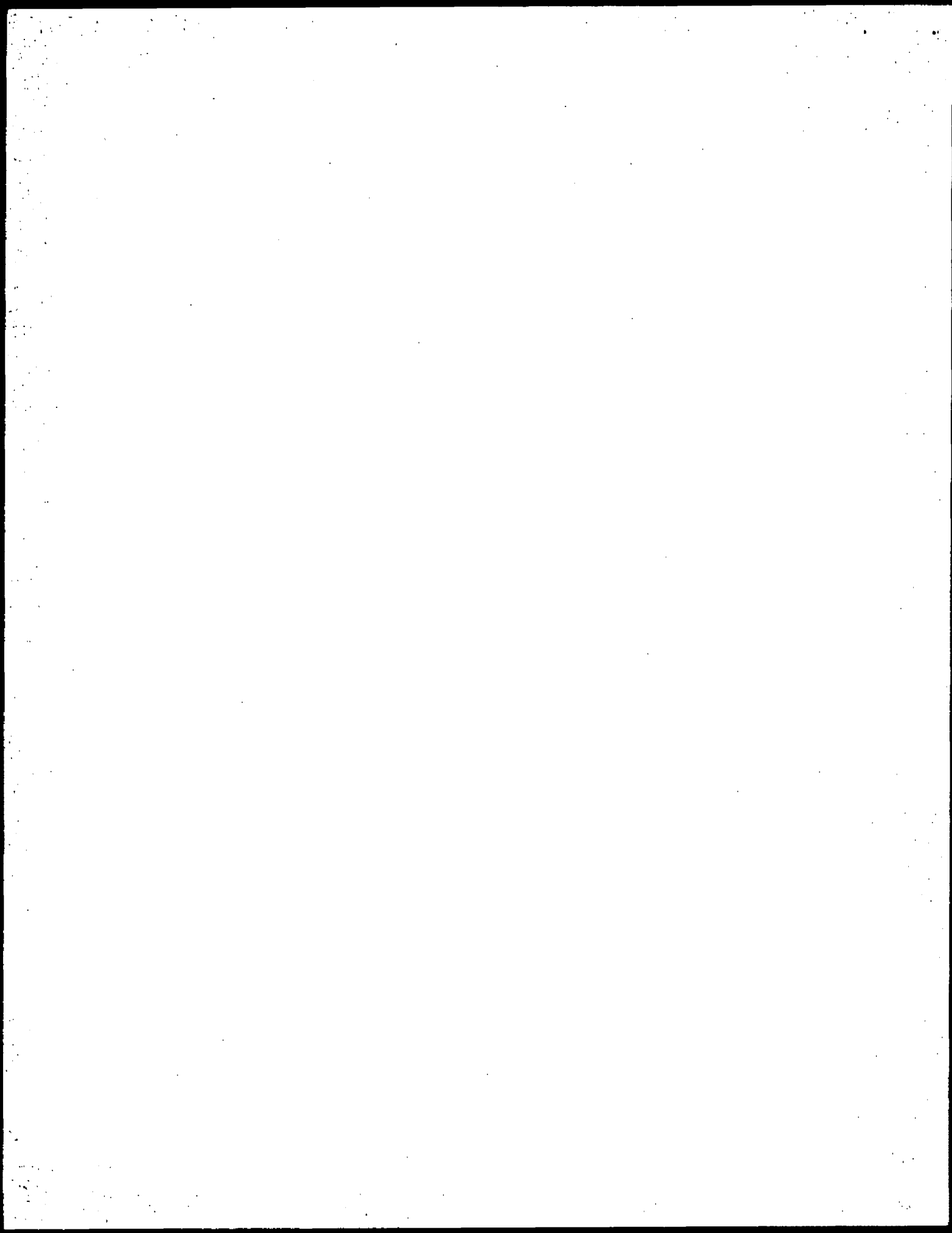
Sample ID	Media Code	Analyte	Result	Detection Limit (pCi/g)
MD54-01-0018	Obt 3	Gross alpha	BDL	11.6
MD54-01-0018		Gross beta	63.5	10.7
MD54-01-0018		Gross gamma	16.4	2.3
MD54-01-0019	Soil	Gross alpha	15.4	12.3
MD54-01-0019		Gross beta	24.1	16.6
MD54-01-0019		Gross gamma	5.8	1.7
MD54-01-0020	Obt 3	Gross alpha	25.4	11.2
MD54-01-0020		Gross beta	44.6	15.3
MD54-01-0020		Gross gamma	9.0	1.4
MD54-01-0033	Soil	Gross alpha	BDL	12.8
MD54-01-0033		Gross beta	34.0	16.3
MD54-01-0033		Gross gamma	12.4	2.4
MD54-01-0034	Obt 3	Gross alpha	BDL	12.9
MD54-01-0034		Gross beta	26.0	16.4
MD54-01-0034		Gross gamma	11.6	2.8
MD54-01-0035	Soil	Gross alpha	BDL	13.0
MD54-01-0035		Gross beta	25.2	16.6
MD54-01-0035		Gross gamma	49.3	2.8
MD54-01-0036/0051	Soil	Gross alpha	BDL	12.8
MD54-01-0036/0051		Gross beta	30.1	16.4
MD54-01-0036/0051		Gross gamma	11.2	2.7
MD54-01-0037	Soil	Gross alpha	BDL	12.9
MD54-01-0037		Gross beta	30.1	16.5
MD54-01-0037		Gross gamma	11.3	3.1
MD54-01-0038	Soil	Gross alpha	BDL	13.1
MD54-01-0038		Gross beta	19.5	16.8
MD54-01-0038		Gross gamma	8.5	2.7
MD54-01-0039	Soil	Gross alpha	BDL	12.8
MD54-01-0039		Gross beta	33.6	16.5
MD54-01-0039		Gross gamma	11.8	2.8
MD54-01-0040	Soil	Gross alpha	BDL	12.8
MD54-01-0040		Gross beta	38.8	16.5
MD54-01-0040		Gross gamma	13.7	3.1
MD54-01-0041	Soil	Gross alpha	13.9	12.8
MD54-01-0041		Gross beta	38.4	16.5
MD54-01-0041		Gross gamma	10.2	5.2

Table 2-3 (continued)

Sample ID	Media Code	Analyte	Result	Detection Limit (pCi/g)
MD54-01-0042	Soil	Gross alpha	BDL	12.8
MD54-01-0042		Gross beta	40.4	16.7
MD54-01-0042		Gross gamma	37.0	3.7
MD54-01-0043/0058	Soil	Gross alpha	14.7	11.0
MD54-01-0043/0058		Gross beta	34.7	15.3
MD54-01-0043/0058		Gross gamma	9.4	1.3
MD54-01-0044/0059	Soil	Gross alpha	20.6	11.0
MD54-01-0044/0059		Gross beta	30.5	15.1
MD54-01-0044/0059		Gross gamma	12.9	2.0
MD54-01-0045/0060	Soil	Gross alpha	BDL	11.4
MD54-01-0045/0060		Gross beta	32.3	15.6
MD54-01-0045/0060		Gross gamma	13.0	1.5
MD54-01-0046/0061	Obt 3	Gross alpha	27.5	11.7
MD54-01-0046/0061		Gross beta	59.7	16.2
MD54-01-0046/0061		Gross gamma	13.8	1.4
MD54-01-0047/0062	Soil	Gross alpha	18.4	11.7
MD54-01-0047/0062		Gross beta	43.2	16.1
MD54-01-0047/0062		Gross gamma	7.8	1.1
MD54-01-0048/0063	Obt 3	Gross alpha	21.9	12.2
MD54-01-0048/0063		Gross beta	46.1	16.5
MD54-01-0048/0063		Gross gamma	14.9	1.4
MD54-01-0049/0064	Soil	Gross alpha	25.2	12.0
MD54-01-0049/0064		Gross beta	45.7	9.7
MD54-01-0049/0064		Gross gamma	8.4	1.1
MD54-01-0050/0065	Soil	Gross alpha	18.7	12.0
MD54-01-0050/0065		Gross beta	42.3	16.1
MD54-01-0050/0065		Gross gamma	13.8	1.5
MD54-01-0056	Soil	Gross alpha	12.1	11.0
MD54-01-0056		Gross beta	36.9	14.7
MD54-01-0056		Gross gamma	9.5	1.6

\* VCA = voluntary corrective action.

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## **Attachment 3**

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*Radiological Screening Calibration Information*

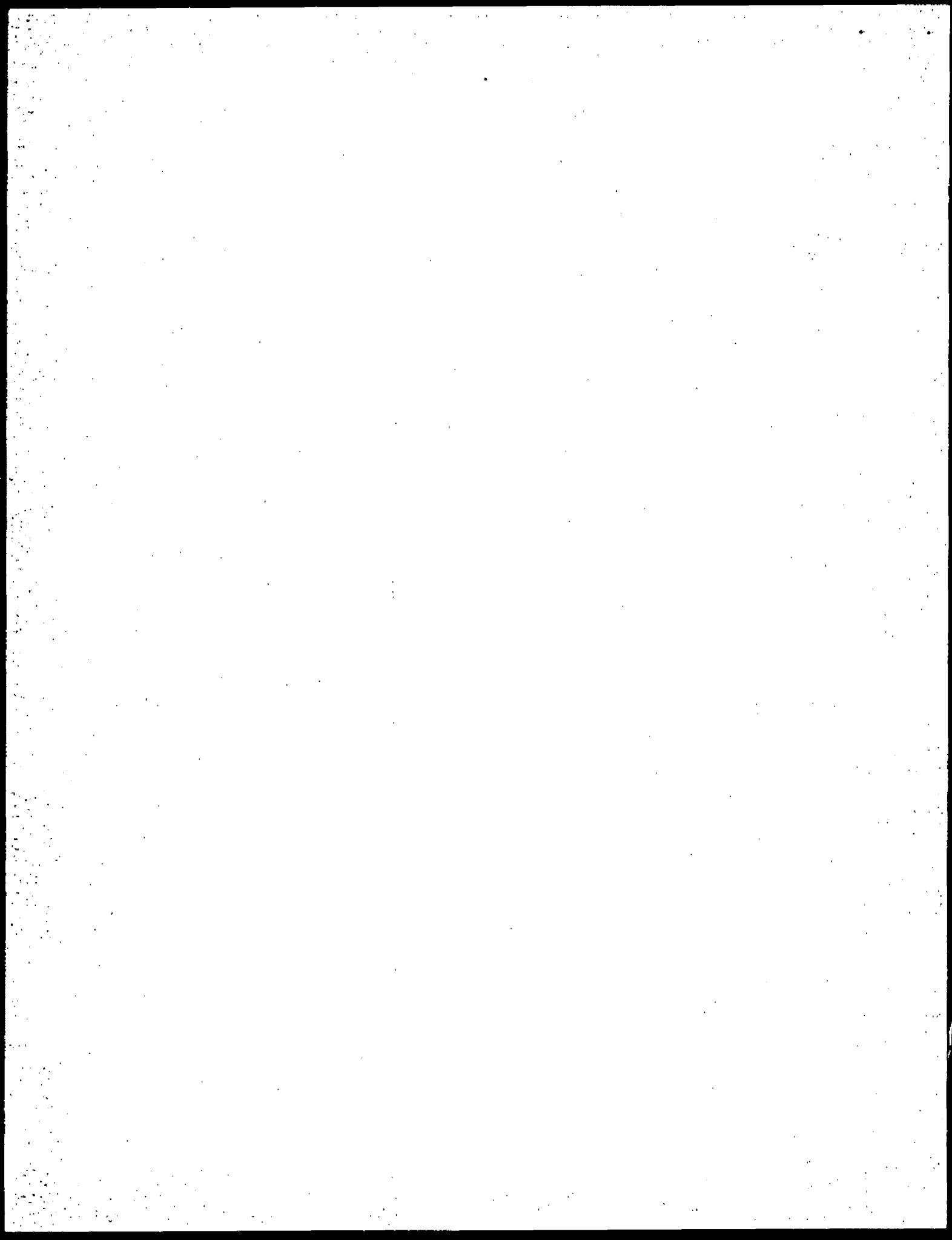




### ATTACHMENT 3 RADIOLOGICAL SCREENING CALIBRATION INFORMATION

The attached pages from American Radiation Services (ARS) ARSNM-009, "Equipment Maintenance and Calibration Procedure," discuss how equipment is calibrated for gross alpha, gross beta, and gross gamma screening. Results of the analysis determine Department of Transportation shipping requirements for Los Alamos National Laboratory analytical samples. Section 4.13 covers gross alpha and gross beta equipment. Section 4.14 covers gross gamma counting.

ARS sends their yearly calibration data to their home office in Louisiana for storage. These data are available upon request.



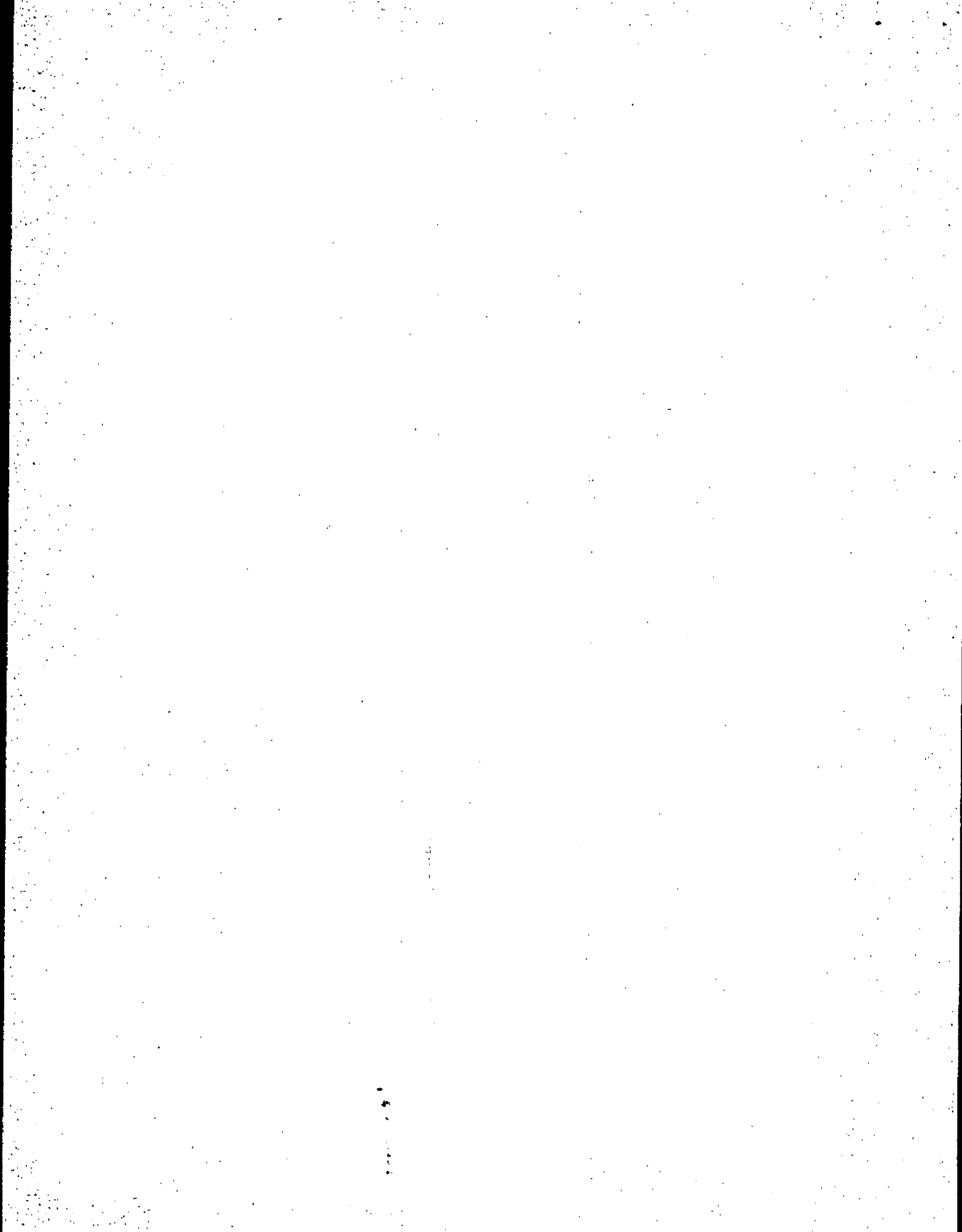
# **EQUIPMENT MAINTENANCE AND CALIBRATION PROCEDURE**

## **ARSNM-009**

---

ARSNM-009

1



water beading and clinging to the sides of the glassware. Inspected glassware with indications of foreign residue or films shall be re-washed.

Upon completion of washing and visual inspections for foreign residue and films, glassware shall be allowed to air dry. Drying glassware by the use of soft absorbent materials, such as paper towels, is an acceptable alternative to air drying.

Certified "to deliver" or "to contain" glassware shall be used when required by a specific analytical procedure.

Prior to placing clean dried glassware back in use a second visual inspection shall be performed looking for cracks, flaws, discoloration, or other structural defects which may affect the strength and integrity of the glassware. Glassware with indications of structural defects or loss of integrity shall be removed from service.

#### 4.13 Tennelec LB5100 and LB4100 Counting Systems

An efficiency calibration shall be performed at intervals not to exceed 12 months for the Tennelec LB5100 and LB4100 Counting Systems. National Institute of Standards and Technology (NIST) traceable isotopes shall be used for establishing efficiency factors and curves. Efficiency calibrations shall be performed in accordance with procedures ARSNM-011: Tennelec LB4100 Calibration and ARSNM-013: Tennelec LB5100 Calibration.

A voltage plateau verification shall be performed on the Tennelec LB5100 and LB4100 Counting Systems every 12 months and whenever the P-10 gas supply is changed out or whenever major voltage maintenance is performed to the counting system. Voltage plateaus greater than  $\pm 50$  volts of the last voltage plateau may indicate that a different mixture of P-10 gas is being used. Voltage plateaus shall be performed in accordance with procedures ARSNM-011: Tennelec LB4100 Calibration, and ARSNM-013: Tennelec LB5100 Calibration.

A reduced Chi-square reliability check shall be performed on the Tennelec LBS100 and LB4100 Counting Systems at intervals not to exceed six months. Reduced Chi-square reliability checks shall be performed in accordance with procedures ARSNM-011: Tennelec LB4100 Calibration, and ARSNM-013: Tennelec LBS100 Calibration.

Daily background and reference source checks shall be performed daily when in use or weekly when not in use. Reference section 23 of the ARSNM Quality Assurance Manual for information on daily background and reference source checks.

An annual visual inspection of the general cleanliness and integrity of the Tennelec LB5100 and LB4100 Counting Systems and gas supply systems shall be performed. A background

count measurement, consisting of at least ten 100 minute counts, shall be performed quarterly on the Tennelec LB5100 and LB4100 Counting Systems.

#### **4.14 Gamma Spectroscopy Counting Systems**

An efficiency, energy and peak width calibration shall be performed on gamma spectroscopy counting systems at intervals not to exceed 12 months. National Institute of Standards and Technology (NIST) traceable standards shall be used for establishing efficiency and energy calibrations. Efficiency and energy calibrations shall be performed in accordance with procedure ARSNM-015: Gamma Spectroscopy Calibration.

Daily reference source checks shall be performed daily when in use. Reference section 23 of the ARSNM Quality Assurance Manual for information on daily reference source checks.

A background count measurement, consisting of at least 40,000 seconds, shall be performed quarterly on gamma spectroscopy counting systems. An annual visual inspection of the general cleanliness and integrity of gamma spectroscopy counting systems shall be performed.

#### **4.15 Alpha Spectroscopy Counting Systems**

An efficiency and energy calibration shall be performed on alpha spectroscopy counting systems at intervals not to exceed 12 months. National Institute of Standards and Technology (NIST) traceable standards shall be used for establishing efficiency and energy calibrations. Alpha Spectroscopy efficiency and energy calibrations shall be performed in accordance with procedure ARSNM-017: Alpha Spectroscopy Calibration.

A background count measurement, consisting of at least 40,000 seconds, shall be performed quarterly on alpha spectroscopy counting systems. An annual visual inspection of the general cleanliness and integrity of alpha spectroscopy counting systems shall be performed.

#### **4.16 Electrical Supply Monitors**

Electrical supply line voltage and frequency delivered to counting equipment shall be monitored. Line voltage and frequency monitoring equipment shall have their calibration verified at intervals not to exceed 12 months. Calibration of line voltage and frequency monitors may be accomplished in house by verifying monitor readings using a secondary source, i.e., a voltage monitor. When verifying calibrations of line and frequency monitors, readings of the secondary monitoring source must be within  $\pm 20\%$  of the primary monitoring source. A Line Voltage and Frequency Calibration Form can be found as an attachment to this procedure and shall be used when calibrating electrical supply monitors.

ENVIRONMENTAL  
RESTORATION  
PROJECT

A Department of Energy  
Environmental Cleanup Program

LA-UR-02-0635  
ER2002-0025  
February 2002

Voluntary Corrective Action  
Completion Report  
for PRS 54-007(c)-99  
Revision 1



Los Alamos NM 87545

Prepared by the Material Disposal Areas Focus Area

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## EXECUTIVE SUMMARY

This voluntary corrective action (VCA) completion report addresses the characterization and remediation of Potential Release Site (PRS) 54-007(c)-99 in Technical Area 54 at Los Alamos National Laboratory (the Laboratory). This PRS consists of Solid Waste Management Unit (SWMU) 54-007(c) and Area of Concern 54-007(e), which were consolidated during the annual unit audit conducted by the New Mexico Environment Department (NMED) during 1999. SWMU 54-007(c) is listed in Module VIII of the Laboratory's Hazardous Waste Facility Permit. As a result of the consolidation, both PRSs were to be investigated, and if necessary, remediated as a single PRS.

PRS 54-007(c) was an inactive/abandoned septic system that served an office building (Building 54-34) and the Radioassay and Nondestructive Testing Facility (Building 54-38). The septic system consisted of a fiberglass tank and drain field. PRS 54-007(e) was an inactive/abandoned septic system that served the former animal-holding facility (Building 54-1015). The septic system consisted of a septic tank and drain field.

VCA activities at PRS 54-007(c)-99 included the characterization and removal of the septic tank contents and cleaning and excavating the tanks. Drainlines associated with the drain fields were plugged at the inlets and outlets to the septic tanks and were left in place. Confirmation samples were collected from the septic tank footprints and the drain fields.

The site and surrounding area have been used for industrial/Laboratory purposes since the 1950s. Potential contaminant releases to the environment from the septic system should be consistent with any contaminants detected in the water and sludge in the tanks. Contaminants not consistent with septic tank contents were detected at extremely low concentrations at PRS 54-007(c)-99. However, these contaminants are consistent with an industrial site, and most of the contaminants were present at concentrations below the estimated quantitation limit. Additionally, there is no unacceptable human health or ecological risk from the low levels of contaminants detected. Therefore, based on analytical results from samples collected at these locations, no further action (NFA) is recommended based on NFA Criterion 5 (Table ES-1). This criterion states that a PRS must have been characterized or remediated in accordance with applicable state or federal regulations and that the available data indicate that chemicals of concern are either not present or are present at concentrations that would not pose an unacceptable risk to human health or the environment under projected future land use.

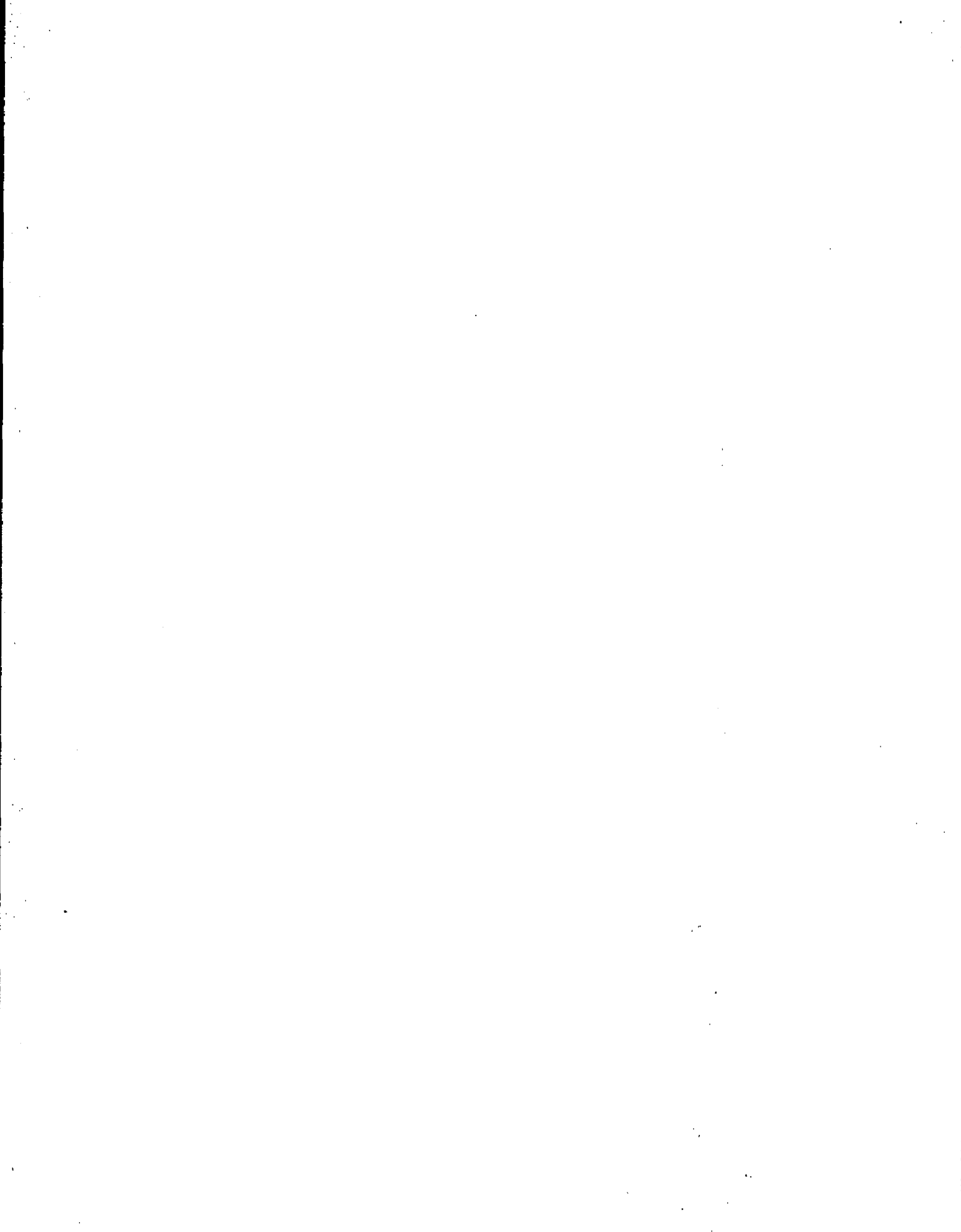
**Table ES-1**  
**Summary of Proposed Actions**

PRS Number	PRS Description	HSWA <sup>a,b</sup>	Radionuclide Component	Proposed Action	Rationale for Recommendation	Section Number
54-007(c)-99	Septic systems	Yes	Yes	NFA, Criterion 5 <sup>c</sup>	Acceptable risk to human and ecological receptors	2.0

<sup>a</sup> HSWA = Hazardous and Solid Waste Amendments.

<sup>b</sup> Is the site listed in Module VIII of the Laboratory's Hazardous Waste Facility Permit?

<sup>c</sup> NFA criteria are listed in Section II.B.4.a.(4).(b) of NMED's Resource Conservation and Recovery Act permits management program requirement guide.



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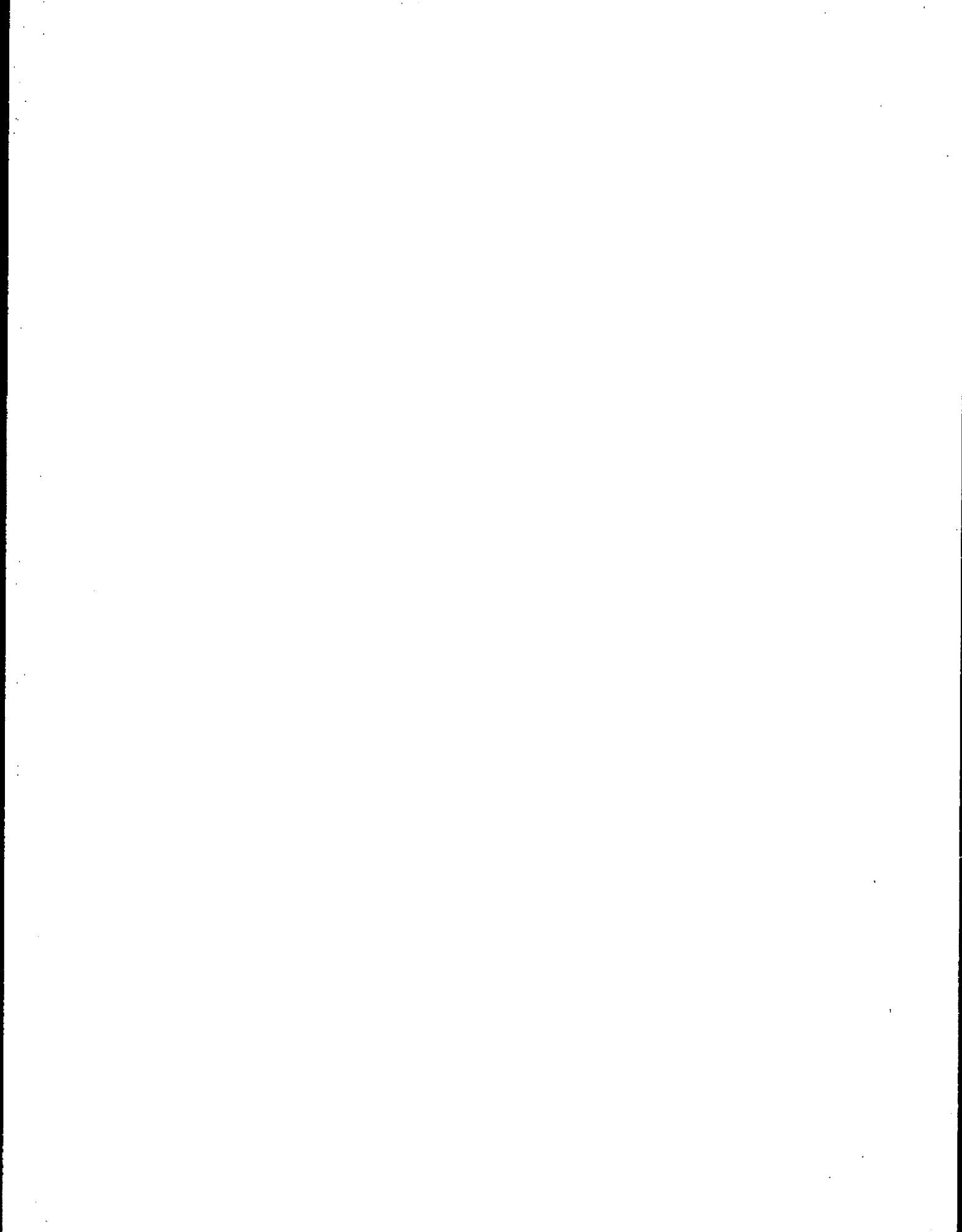
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## 1.0 INTRODUCTION

Los Alamos National Laboratory (the Laboratory) is a multidisciplinary research facility owned by the US Department of Energy (DOE) and managed by the University of California. The Laboratory is located in north-central New Mexico approximately 60 mi northeast of Albuquerque and 20 mi northwest of Santa Fe. The Laboratory site covers 43 mi<sup>2</sup> of the Pajarito Plateau, which consists of a series of finger-like mesas separated by deep canyons. These canyons contain ephemeral and intermittent streams that run from west to east. Mesa tops range in elevation between approximately 6200 and 7800 ft. The eastern portion of the plateau stands 300 ft to 900 ft above the Rio Grande.

The Laboratory's Environmental Restoration (ER) Project is involved in a national DOE effort to clean up facilities that had been involved in weapons production. The goal of the ER Project is to ensure that DOE's past operations do not threaten human or environmental health and safety in and around Los Alamos County. To achieve that goal, the ER Project is investigating sites that potentially are contaminated by past Laboratory operations.

This voluntary corrective action (VCA) completion report addresses the characterization and remediation of Potential Release Site (PRS) 54-007(c)-99, which is located in Technical Area (TA) 54 at the Laboratory (Figure 1.0-1). This PRS consists of two inactive/abandoned septic systems formerly designated as Solid Waste Management Unit (SWMU) 54-007(c) and Area of Concern 54-007(e). SWMU 54-007(c) is listed in Module VIII of the Laboratory's Hazardous Waste Facility Permit (EPA 1990, 1585; EPA 1994, 44146). Both septic systems were abandoned in place in 1992 when the facilities they served were tied into the Laboratory's sanitary waste consolidation system (SWCS). Because the drain fields of the two septic systems are interconnected, received similar waste streams (sanitary wastewater), and are geographically proximate to each other, they were consolidated during the 1999 annual unit audit conducted by the New Mexico Environment Department (NMED).

This corrective action, including sampling and analysis, was conducted in accordance with the requirements of the Resource Conservation and Recovery Act (RCRA). Radionuclide contamination is regulated under DOE Order 5400.5, "Radiation Protection of the Public and the Environment." This PRS was identified as potentially having both hazardous and radioactive components. The current installation work plan (IWP) describes the methodologies used in this corrective action (LANL 1998, 62060).

The objectives of this VCA were to

- characterize, remove, and dispose of the waste remaining in the septic tanks;
- remediate (by excavation), as necessary, the inactive/abandoned septic systems following Laboratory ER Project best management practices;
- collect confirmatory subsurface soil samples at each septic system;
- determine the nature and extent of soil contamination using the sampling data; and
- assess the potential human health and ecological risks from each septic system.

Section 2.0 of this report discusses site description and operational history, remedial activities, analytical results for the soil samples, and human health and ecological assessments. Section 3.0 describes site waste management activities. References are listed in Section 4.0. Appendix A contains a list of acronyms and a glossary of terms. Appendix B describes the site's operational and environmental setting. Appendix C includes the complete data quality assurance/quality control results. Appendix D provides the analytical data for the investigation/remediation. Appendix E addresses statistical analyses. Appendix F addresses risk assessments. Appendix G includes the cost comparison for completion of the PRS 54-007(c)-99 VCA. Appendix H contains photographs of VCA activities. Appendix I contains relevant communication records with a regulatory agency.

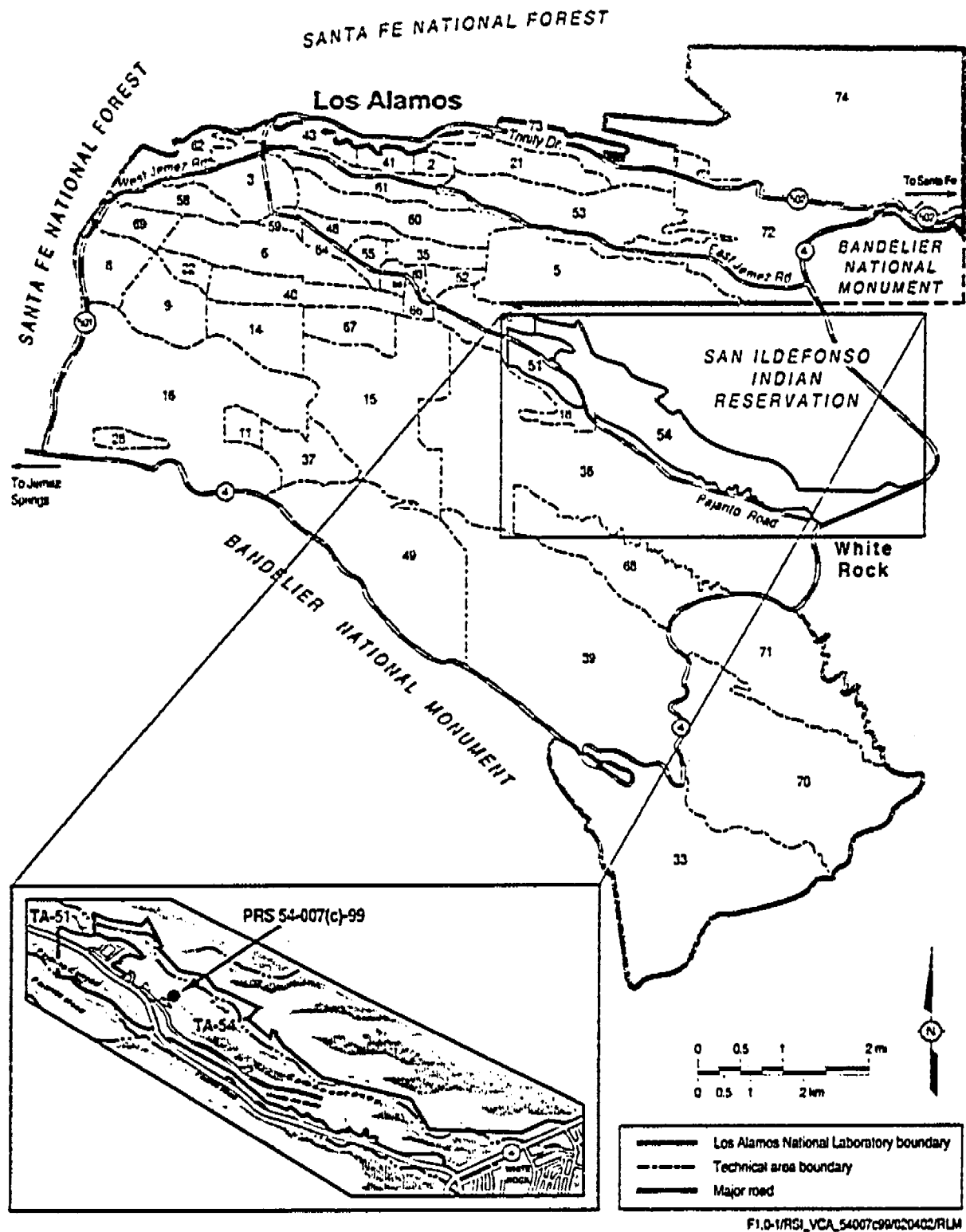


Figure 1.0-1. Location of TA-54 with respect to other Laboratory TAs and surrounding land holdings



## 2.0 PRS 54-007(c)-99

### 2.1 Summary

This section presents the site description and operational history, investigative activities, remedial activities, site assessment, and conclusions and recommendations for PRS 54-007(c)-99.

### 2.2 Site Description and Operational History

PRS 54-007(c)-99 is located within TA-54. TA-54 is located on Mesita del Buey, a relatively narrow, gently sloping mesa that is bordered on the northeast by Cañada del Buey and on the southwest by Pajarito Canyon. There are no other PRSs nearby.

PRS 54-007(c) was an inactive/abandoned septic system that served an office building (Building 54-34) and the Radioassay and Nondestructive Testing Facility (Building 54-38) (Figure 2.2-1). The septic system consisted of a fiberglass tank 4 ft in diameter and 12 ft long, a drainline, and a drain field formed by three parallel buried lines of slotted polyvinyl chloride (PVC) pipe, which was approximately 4 ft deep. This description differs from the site description in the VCA plan (Environmental Restoration Project 2000, 68723), which described the septic tank as a 1500-gal. concrete tank. The septic system was constructed in the late 1980s and was decommissioned in 1992 when a new sewer line was installed as part of the Laboratory's SWCS.

PRS 54-007(e) was an inactive/abandoned septic system that served Building 54-1015 (Figure 2.2-1), an animal-holding facility, from the time of construction in the mid-1960s until the late 1980s. In 1992, when a new sewer line was installed as part of the Laboratory's SWCS, the facility was remodeled as an analytical laboratory for environmental samples. The septic system consisted of a 1500-gal. concrete septic tank and a 4-in. PVC drainline connected to a drain field formed by two parallel lines of 4-in. slotted PVC pipe. The two drain fields from PRSs 54-007(c) and 54-007(e) are interconnected by a drainline.

### 2.3 Previous Activities

#### 2.3.1 Previous Investigations

The PRS 54-007(c)-99 septic systems were investigated during the 1995 Phase I RCRA facility investigation (RFI) in accordance with the Operable Unit 1148 RFI work plan (LANL 1992, 7669).

The Phase I RFI included the sampling and analysis of the contents of each septic tank [locations 54-9205, 54-9206, and 54-9207 for PRS 54-007(c) and locations 54-9211, 54-9212, and 54-9213 for PRS 54-007(e)]. At that time, approximately 4 ft of water and sludge remained in each septic tank. Subsurface soils adjacent to the drainlines and at a 5-ft depth (1 ft below the drain field seepage lines) adjacent to each drain field also were sampled and analyzed [locations 54-9217, 54-9218, and 54-9219 (2 samples collected) for PRS 54-007(e) and locations 54-9220, 54-9221, and 54-9222 (2 samples collected) for PRS 54-007(c)]. The 1995 Phase I sample locations are shown in Figure 2.3-1. The 1995 Phase I RFI sample analytical suite for both sludge and tuff samples included pesticides/polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and target analyte list (TAL) metals. The drain field samples were screened for gross alpha and beta radiation and analyzed by gamma spectroscopy. The septic tank samples were screened for gross alpha, beta, and gamma radiation.

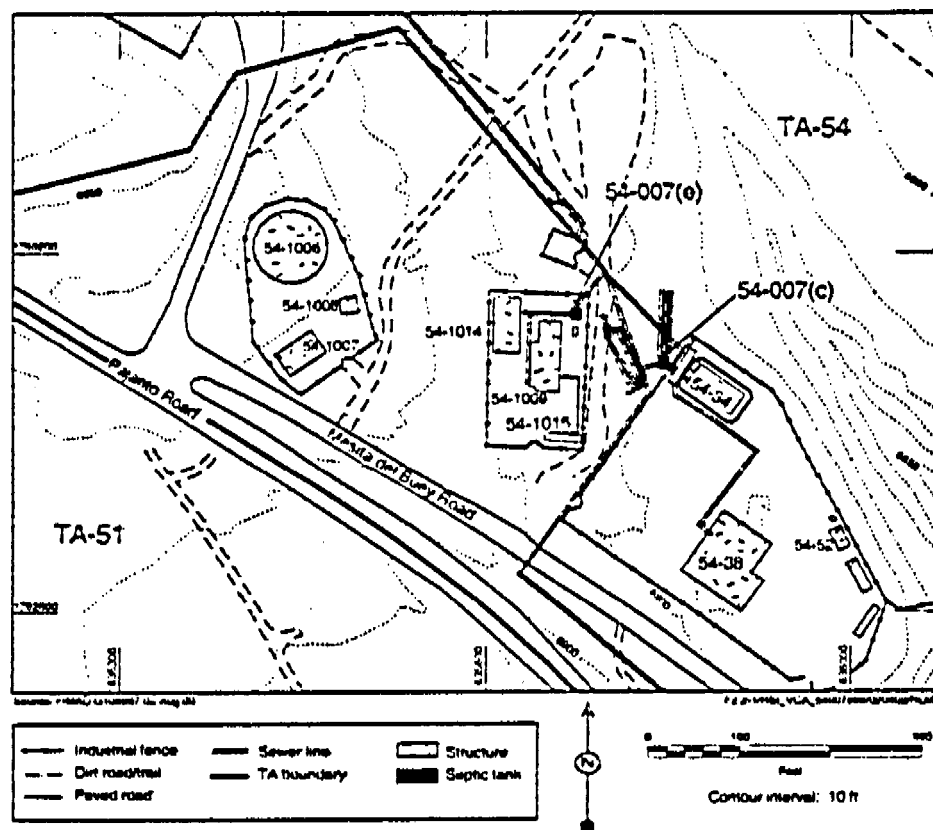


Figure 22-1. Location of PRS 54-007(c)-99 septic systems

Analytical results indicated the presence of extremely low concentrations of VOCs and SVOCs in the septic tank sludge and soil in and around the drain fields (Table 2.3-1). Detected organic chemicals are shown in Figure 2.3-2. The only inorganic chemical detected above Laboratory background values (BVs) was zinc. The zinc concentration (50.7 mg/kg) was detected within the range of the background data set (74 mg/kg to 75.5 mg/kg) and is not considered to be different from background. The detection limits for antimony, cadmium, and cyanide were above the BVs for the 1995 Phase I RFI samples. The detection limit for cadmium was within the range of BVs and will not be retained. Antimony and cyanide were retained as chemicals of potential concern (COPCs) for evaluation in Section 2.5, Site Assessments, because detection limits were greater than BVs (Table 2.3-2). All results for these COPCs were qualified U or UJ, indicating that the chemical was analyzed for but not detected. The numerical values associated with each COPC are U (the detection limit) or UJ (the estimated quantitation limit [EQL]). Data quality for the 1995 Phase I RFI analytical results is discussed in Appendix C.

Analytical results for the 1995 Phase I RFI samples (including the gamma spectroscopy results for the drain field samples) are presented in Table D-2.0-1 in Appendix D. As discussed in Laboratory guidance (LANL 2000, 65467), the gamma spectroscopy analyte suite defined in the ER Project's analytical services contract consists of 43 radionuclides. Only seven radionuclides have a sufficiently high gamma intensity to make it possible to accurately assess their presence; these include americium-241, cobalt-60, cesium-134, cesium-137, europium-152, sodium-22, and ruthenium-106. None of these radionuclides were detected in the 1995 Phase I RFI drain field samples.

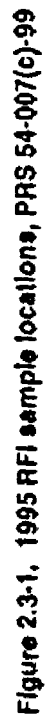


Table 2.3-1  
Organic Chemicals Detected During 1995 Phase I RFI at PRS 54-007(c)-99

Sample ID <sup>a</sup>	Location ID	Depth (ft)	Media	Acetone	Benz(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Chloroethane	Chrysene	Dichloroethane [1,2-]	Fluoranthene	Pyrene	Toluene	Trichlorofluoromethane	Trimethylbenzene [1,2,4-]
PRS 54-007(c)																
0554-95-2035	54-09220	4.00-4.63	Soil	— <sup>b</sup>	—	—	—	—	—	—	—	—	—	—	0.003 (L)	—
0554-95-2036	54-09221	4.00-4.63	Soil	—	—	—	—	0.064 (L)	—	—	—	—	—	—	0.0072	—
0554-95-2037	54-09222	6.00-6.67	Soil	—	—	—	—	0.07 (L)	—	—	—	—	—	—	0.006	—
0554-95-2038	54-03222	6.00-6.67	Soil	—	—	—	—	0.056 (L)	—	—	—	—	—	—	0.0094	—
0554-95-2006	54-09205	N/A <sup>c</sup>	Sludge	—	—	—	—	—	0.076	—	0.006	—	—	—	—	—
0554-95-2007	54-09205	N/A	Sludge	—	—	—	—	—	0.072	—	0.005	—	—	—	—	—
PRS 54-007(e)																
0554-95-2029	54-09218	3.17-4.00	Soil	—	0.031 (L)	0.043 (L)	0.04 (L)	0.16 (L)	—	0.036 (L)	—	0.048 (L)	0.038 (L)	0.002 (L)	—	—
0554-95-2012	54-09211	—	Sludge	0.032	—	—	—	—	0.068	—	—	—	—	—	—	0.005
0554-95-2013	54-09211	—	Sludge	0.042	—	—	—	—	0.077	—	0.005	—	—	—	—	0.006

<sup>a</sup> ID = Identification.

<sup>b</sup> A dash indicates that the compound was not detected.

<sup>c</sup> N/A = not applicable.

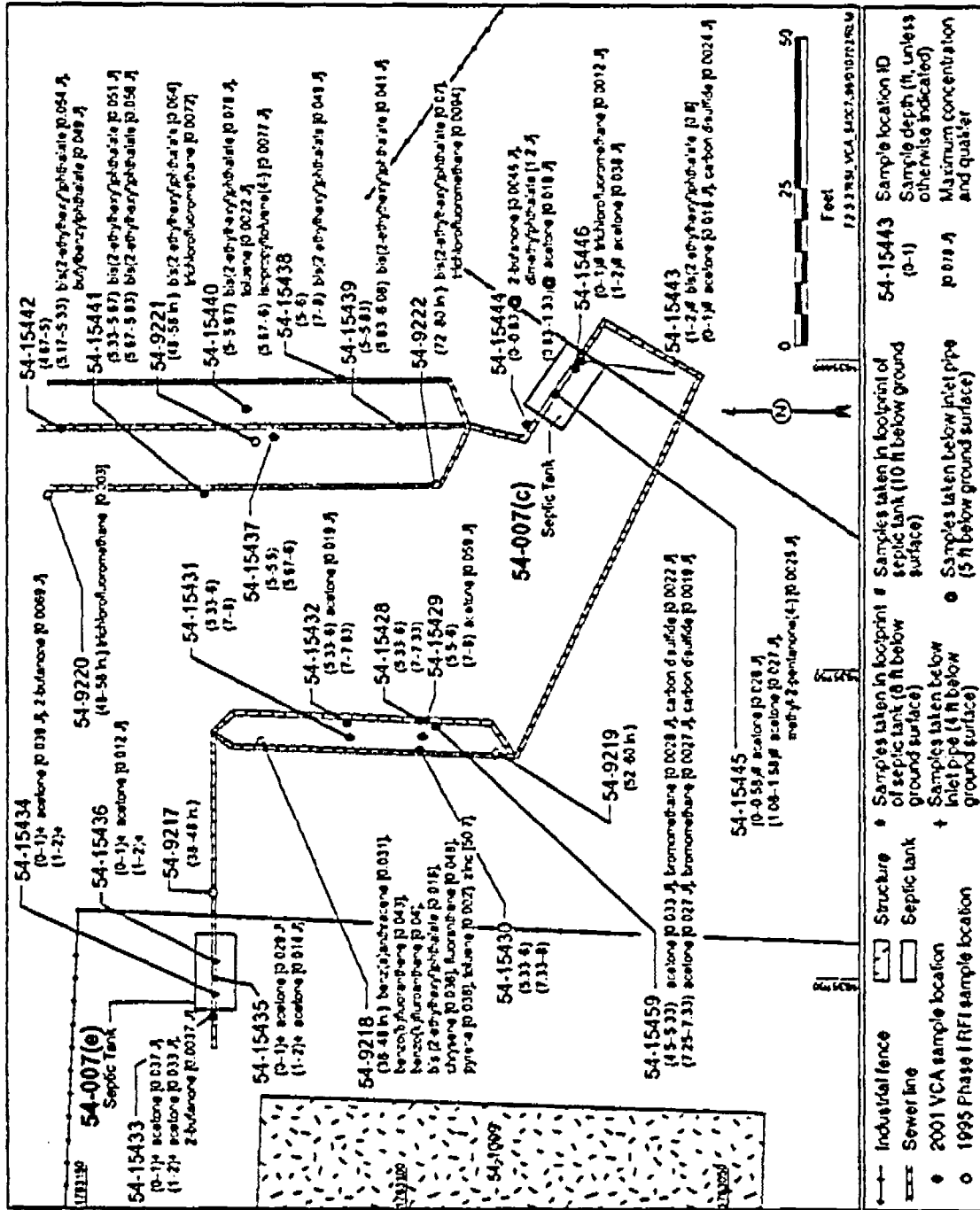


Figure 2.3-2. Sample locations and detected organo and inorganic chemicals (mg/kg) for the 1995 Phase I RFI and the 2001 VCA at PRS 54-007(c)-99

**Table 2.3-2**  
**Frequency of Detected Inorganic Chemicals During 1995 Phase I RFI, PRS 54-007(c)-99**

Analyte	Medium	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	BV (mg/kg)	Frequency of Detects above BV	Frequency of Nondetects above BV
<b>PRS 54-007(c)</b>							
Aluminum	Soil	4	4	963-2320	29200	0/4	0/0
Antimony	Soil	4	0	[4.8-5.1]	0.83	0/4	4/4
Arsenic	Soil	4	4	0.45-0.72	8.17	0/4	0/0
Barium	Soil	4	4	24.9-41.3	295	0/4	0/0
Beryllium	Soil	4	0	[0.39-0.4]	1.83	0/4	0/4
Cadmium	Soil	4	0	[0.48-0.51]	0.4	0/4	4/4 <sup>a</sup>
Calcium	Soil	4	4	2500-3850	6120	0/4	0/0
Chromium, total	Soil	4	4	2.4-4.5	19.3	0/4	0/0
Cobalt	Soil	4	4	1.2-1.8	8.64	0/4	0/0
Copper	Soil	4	4	2.6-3.1	14.7	0/4	0/0
Cyanide, total	Soil	4	0	[1-1.03]	0.5	0/4	4/4
Iron	Soil	4	4	3680-5690	21500	0/4	0/0
Lead	Soil	4	4	1.6-3.9	22.3	0/4	0/0
Magnesium	Soil	4	4	548-740	4610	0/4	0/0
Manganese	Soil	4	4	82.6-155	671	0/4	0/0
Mercury	Soil	4	0	[0.05-0.05]	0.1	0/4	0/4
Nickel	Soil	4	4	2.1-3.2	15.4	0/4	0/0
Potassium	Soil	4	4	255-463	3460	0/4	0/0
Selenium	Soil	4	0	[0.25-0.26]	1.52	0/4	0/4
Silver	Soil	4	0	[0.48-0.51]	1	0/4	0/4
Sodium	Soil	4	4	291-360	915	0/4	0/0
Thallium	Soil	4	0	[0.2-0.21]	0.73	0/4	0/4
Vanadium	Soil	4	4	8.5-12.7	39.6	0/4	0/0
Zinc	Soil	4	4	8.7-14.2	48.8	0/4	0/0
<b>PRS 54-007(e)</b>							
Aluminum	Soil	4	4	1130-6830	29200	0/4	0/0
Antimony	Soil	4	0	[8.6-9]	0.83	0/4	4/4
Arsenic	Soil	4	0	[0.31-0.73]	8.17	0/4	0/4
Barium	Soil	4	4	47.1-105	295	0/4	0/0
Beryllium	Soil	4	0	[0.3-1.1]	1.83	0/4	0/4
Cadmium	Soil	4	0	[0.68-0.71]	0.4	0/4	4/4 <sup>a</sup>
Calcium	Soil	4	4	891-5550	6120	0/4	0/0
Chromium, total	Soil	4	4	4-5.7	19.3	0/4	0/0
Cobalt	Soil	4	1	[2]-5	8.64	0/4	0/3
Copper	Soil	4	4	3.3-9.2	14.7	0/4	0/0
Cyanide, total	Soil	4	0	[0.5-0.5]	0.5	0/4	0/4
Iron	Soil	4	4	5500-9360	21500	0/4	0/0
Lead	Soil	4	4	2.3-11.4	22.3	0/4	0/0
Magnesium	Soil	4	4	525-1580	4610	0/4	0/0
Manganese	Soil	4	4	106-306	671	0/4	0/0
Mercury	Soil	4	0	[0.05-0.05]	0.1	0/4	0/4
Nickel	Soil	4	3	[3]-6.8	15.4	0/4	0/1
Potassium	Soil	4	0	[338-992]	3460	0/4	0/4
Selenium	Soil	4	0	[0.33-0.34]	1.52	0/4	0/4

Table 2.3-2 (continued)

Analyte	Medium	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	BV (mg/kg)	Frequency of Detects above BV	Frequency of Nondetects above BV
Silver	Soil	4	0	[0.87-0.92]	1	0/4	0/4
Sodium	Soil	4	0	[60.5-137]	915	0/4	0/4
Thallium	Soil	4	0	[0.18-0.19]	0.73	0/4	0/4
Vanadium	Soil	4	4	12.5-16.5	39.6	0/4	0/0
Zinc	Soil	4	4	25.2-50.7	48.8	1/4 <sup>b</sup>	0/0

<sup>a</sup> Nondetects greater than background but within BV range.

<sup>b</sup> Detect greater than background but within BV range.

### 2.3.2 Preliminary Conceptual Model

The septic system was gravity driven (not under pressure); therefore, soil overlying the septic tanks and drainlines was not expected to be contaminated. The potential release mechanisms would be seepage through (1) porous joints in the drainlines and (2) the intended release from the slotted PVC lines into the drain fields. Potential contaminants in the subsurface soil and/or tuff beneath the septic tanks and drainlines would be the same as those found during the characterization of the water and sludge remaining in the tank. Therefore, the preliminary conceptual model for PRS 54-007(c)-99 identified subsurface soil and/or tuff as the primary potentially contaminated medium (Figure 2.3-3).

Pathways from subsurface releases to potential human receptors would be complete only if contaminated soil or tuff were excavated and brought to the surface. The potential pathways would be dermal contact, inhalation of fugitive dust or volatiles, and incidental ingestion of soil. Downward migration of contaminants in the vadose zone would be limited by a lack of hydrostatic pressure. The lack of saturated conditions in the area would restrict both horizontal and vertical migration. Therefore, a complete pathway to the regional aquifer, which is located approximately 1000 ft below the PRS structures, is unlikely. In addition, there are no seeps or springs nearby that would indicate the presence of perched alluvial aquifers. For PRS 54-007(c)-99, the only complete ecological exposure pathways from the drain fields are root uptake and burrowing animals.

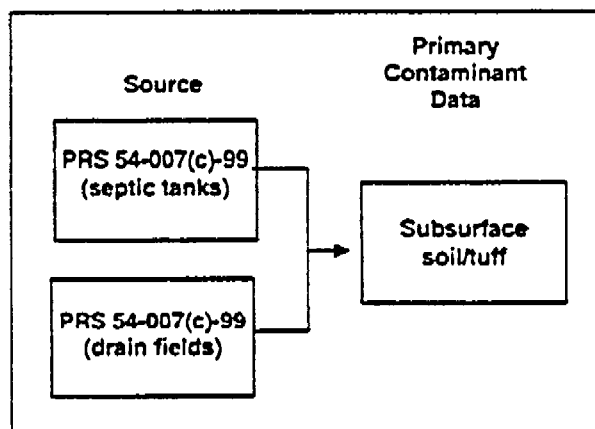


Figure 2.3-3. Preliminary conceptual model of contaminant transport for PRS 54-007(c)-99

## 2.4 Remedial Activities

### 2.4.1 Investigative and Remediation Activities During VCA

During 2000, the water and sludge remaining in the septic tanks at PRS 54-007(c)-99 were sampled and analyzed for waste characterization purposes. The analytical suite included pesticides/PCBs, TAL and toxicity characteristic leaching procedure metals, VOCs, SVOCs, gamma-emitting radionuclides, tritium, isotopic plutonium, and isotopic uranium. The volume of water and sludge remaining in the tanks was unchanged from observations made during the 1995 Phase I RFI. In accordance with the approved VCA plan (Environmental Restoration Project 2000, 68723), the waste characterization results (Table 2.4-1) were used to determine the analytical suite for post-VCA confirmation samples (Environmental Restoration Project 2000, 68723). The pesticide/PCB results for the waste characterization samples from 2000 were rejected because the extraction holding time was exceeded by the analytical laboratory by more than two times. Therefore, the 1995 Phase I RFI pesticide/PCB data were used to determine if pesticides/PCBs should be included in the post-VCA confirmation sample analytical suite; none were included. Waste characterization results showed only SVOCs and VOCs above BVs and/or regulatory limits; therefore, the confirmation sample analytical suite included VOCs and SVOCs. Strontium-90 was added to the suite at the request of NMED (Appendix I). Drain field confirmation sample locations were selected to supplement the 1995 Phase I RFI data and to help determine the nature and extent of contamination. 54-007(c) Septic System

Remedial activities for PRS 54-007(c) began on December 15, 2000, and continued through January 18, 2001. The soil above the septic tank, which consisted of engineered fill, was excavated to a depth of 6 ft below ground surface (bgs) to expose the top of the tank. The sides of the excavation were benched (sloped back) to prevent soil from sloughing into the excavated area. The tank was constructed of fiberglass; the VCA plan (Environmental Restoration Project 2000, 68723) described it as concrete. The 500-gal. tank was 4 ft in diameter and 12 ft long with three top access ports. The middle access port was the primary cleanout and the other two, which had fiberglass covers, were secondary access ports (Figure 2.4-1). Each access port was approximately 16 in. in diameter. A baffle divided the tank into two compartments.

Johnson Controls Northern New Mexico (JCNNM) used a vacuum truck to pump out the tank contents, which consisted of approximately 800 gal. of sludge and water. The interior of the tank was washed with a high-pressure washer, and an additional 500 gal. of wash water were pumped out of the tank. The materials pumped from the tank (approximately 1300 gal.) were taken to the SWCS facility at TA-46 (sanitary waste treatment facility) for disposal. After it was washed, the interior of the tank was examined and photographed from the 16-in. opening (Appendix H).

The tank was in sound condition with no visible signs of cracking. On January 19, 2001, the tank was extracted intact, crushed, and placed into a roll-off bin. The tank imprint was clearly visible in the bedding sand. There was no staining or excessive moisture in the sand bedding to indicate leakage from the tank. The exposed PVC inlet and outlet lines were in sound condition with no visual signs of leakage.

The tank and associated debris (e.g., concrete guard posts, pipe, and rebar from temporary fencing used during the VCA) were placed into a roll-off bin. The tank inlet and outlet lines were plugged with appropriately sized, permanent, expandable, gasket-type plugs.

The 10-in. layer of sand present underneath the tank and above the tuff was left undisturbed. A 6-in. layer of gravel was placed in the bottom of the tank excavation for future identification. The excavation was then backfilled with soil from excavation and benching activities.



**Table 2.4-1**  
**Analytical Results for Sludge and Wastewater Characterization Samples**  
**Collected During 2000 at PRS 54-007(c)-99**

Sample ID	Matrix	Analyte	Result	Unit
<b>54-007(c)</b>				
MD54-00-0047	Sludge	Actinium-228	0.058	pCi/g
MD54-00-0040	Water	Aluminum	0.13(J+) <sup>a</sup>	mg/L
MD54-00-0040	Water	Barium	0.041(J) <sup>b</sup>	mg/L
MD54-00-0040	Water	Beryllium	0.00062(J)	mg/L
MD54-00-0040	Water	Calcium	76	mg/L
MD54-00-0040	Water	Di-n-butylphthalate	0.0006(J)	mg/L
MD54-00-0040	Water	Iron	0.69	mg/L
MD54-00-0047	Sludge	Lead-212	0.026	pCi/g
MD54-00-0040	Water	Magnesium	4.8J	mg/L
MD54-00-0040	Water	Manganese	0.098	mg/L
MD54-00-0040	Water	Nickel	0.013(J)	mg/L
MD54-00-0040	Water	Nitrate + nitrite	0.14	mg/L
MD54-00-0040	Water	Potassium	14	mg/L
MD54-00-0040	Water	Sodium	41	mg/L
MD54-00-0047	Sludge	Uranium-234	0.00041	pCi/g
MD54-00-0048	Water	Uranium-234	0.55	pCi/L
MD54-00-0048	Water	Uranium-235	0.027	pCi/L
MD54-00-0047	Sludge	Uranium-238	0.00074	pCi/g
MD54-00-0048	Water	Uranium-238	0.38	pCi/L
MD54-00-0040	Water	Vanadium	0.004(J)	mg/L
MD54-00-0040	Water	Zinc	0.034	mg/L
<b>54-007(e)</b>				
MD54-00-0038	Water	Acetone	0.012(J)	mg/L
MD54-00-0038	Water	Aluminum	0.57(J+)	mg/L
MD54-00-0038	Water	Barium	0.022(J)	mg/L
MD54-00-0038	Water	Beryllium	0.00055(J)	mg/L
MD54-00-0038	Water	Calcium	53	mg/L
MD54-00-0038	Water	Chromium	0.0011(J)	mg/L
MD54-00-0038	Water	Cobalt	0.0047	mg/L
MD54-00-0038	Water	Copper	0.028	mg/L
MD54-00-0038	Water	Iron	0.90	mg/L
MD54-00-0038	Water	Magnesium	8.0	mg/L
MD54-00-0038	Water	Manganese	0.15	mg/L
MD54-00-0038	Water	Nickel	0.013(J)	mg/L
MD54-00-0038	Water	Nitrate + nitrite (as N)	0.24	mg/L
MD54-00-0038	Water	Potassium	19	mg/L
MD54-00-0038	Water	Sodium	31	mg/L
MD54-00-0045	Sludge	Uranium-234	0.00053	pCi/g
MD54-00-0046	Water	Uranium-234	0.076	pCi/L
MD54-00-0045	Sludge	Uranium-238	0.0008	pCi/g
MD54-00-0046	Water	Uranium-238	0.10	pCi/L
MD54-00-0038	Water	Vanadium	0.0026(J)	mg/L
MD54-00-0038	Water	Zinc	0.082	mg/L

<sup>a</sup> J+ = reported value should be regarded as estimated and biased high.

<sup>b</sup> J = reported value should be regarded as estimated.

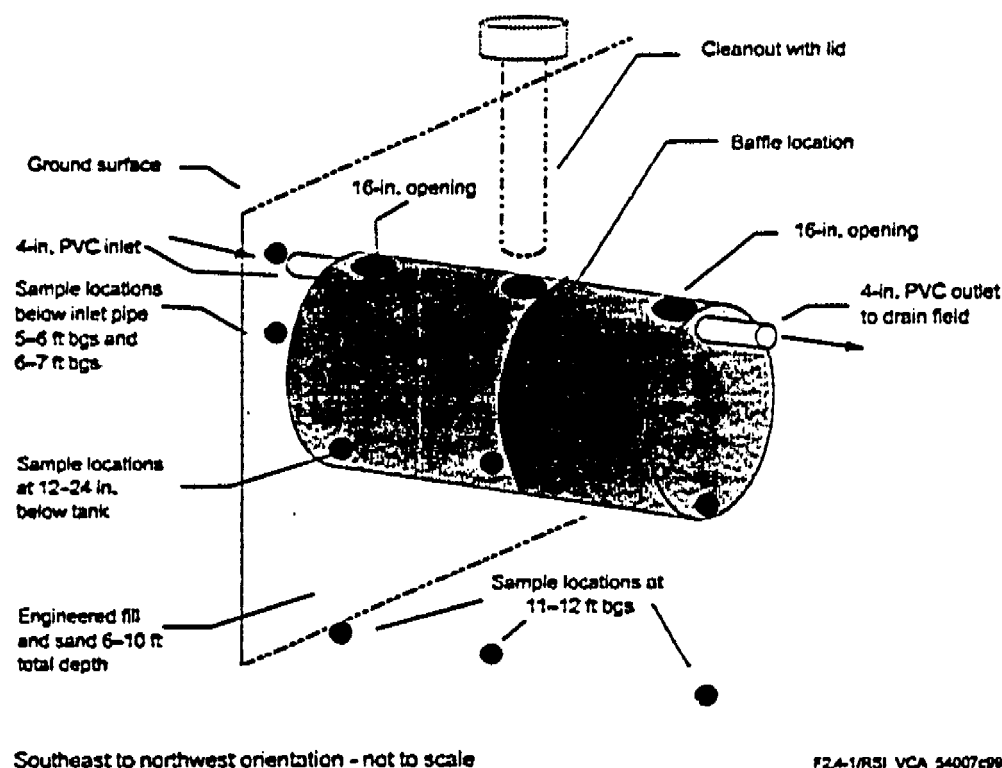


Figure 2.4-1. Diagram of septic tank at PRS 54-007(c) and locations of excavation samples

Immediately after the septic tank was removed, six samples (four soil, two tuff) were collected from two depth intervals at three locations in the tank imprint (10 ft bgs). Two additional samples (one soil, one tuff) were collected at two depths from beneath the inlet pipe (5 ft bgs) to determine if contaminants had been released from the pipe. The samples were submitted to an off-site, fixed laboratory for analysis. Table 2.4-2 lists sample and site identification (ID) numbers, PRSs, sample locations, sample collection dates and times, and the analyses requested.

Based on review of as-built maps (LANL 1987, 66870.5 and 66870.4), it was determined that the drain field for PRS 54-007(c) led north away from the septic tank cleanout lid (Figure 2.3-2). On December 15 and 18, 2000, 12 samples (10 soil, 2 tuff) were collected from six locations in the drain field at depth intervals of 5 to 6 ft bgs and 8 to 9 ft bgs. At a later date, a backhoe was used to trench across the drain field to verify the construction details of the drain field and confirm that the previously collected soil samples were within the drain field footprint.

#### 54-007(e) Septic System

Remedial activities for PRS 54-007(e) began on December 15, 2000, and continued through January 18, 2001. Soil above the septic tank was excavated to a depth of 2 ft bgs to expose the top of the tank. The sides of the excavation were benched (sloped back) to prevent soil from sloughing into the excavation. The concrete tank was 4 ft wide by 8 ft long by 6 ft deep with two top access ports (Figure 2.4-2). The west access port was used as the primary cleanout port and was accessed through a culvert section 2.5 ft in diameter and 3 ft in length. Each access port opening was approximately 20 in. by 20 in. The tank was divided into two compartments and was constructed of 4-in.-thick concrete.

**Table 2.4-2**  
**Summary of Confirmation Samples Collected for**  
**Fixed Laboratory Analysis During the 2000/2001 VCA at PRS 54-007(c)-99**

Sample ID	Site ID	PRS	Sample Location	SVOC	Strontium-90	VOC	Collection Date	Collection Time
MD54-00-0094	54-15437	54-007(c)	Drain field center, 5-5.5 ft bgs	x <sup>a</sup>	x	x	12/15/00	1145
MD54-00-0095	54-15437	54-007(c)	Drain field center, 5.67-6 ft bgs	x	x	x	12/15/00	1214
MD54-00-0096	54-15438	54-007(c)	Drain field, 5-6 ft bgs	x	x	x	12/15/00	1255
MD54-00-0097	54-15438	54-007(c)	Drain field, 7-8 ft bgs	x	x	x	12/15/00	1305
MD54-00-0098	54-15439	54-007(c)	Drain field, 5-5.83 ft bgs	x	x	x	12/15/00	1315
MD54-00-0099	54-15439	54-007(c)	Drain field, 5.83-6.08 ft bgs	x	x	x	12/15/00	1330
MD54-00-0100	54-15440	54-007(c)	Drain field, 5-5.67 ft bgs	x	x	x	12/15/00	1425
MD54-00-0154	54-15440	54-007(c)	Drain field, 5-5.67 ft bgs	x	x	x	12/15/00	1425
MD54-00-0101	54-15440	54-007(c)	Drain field, 5.67-6 ft bgs	x	x	x	12/15/00	1445
MD54-00-0102	54-15441	54-007(c)	Drain field, 5.33-5.67 ft bgs	x	x	x	12/18/00	1015
MD54-00-0103	54-15441	54-007(c)	Drain field, 5.67-5.83 ft bgs	x	x	x	12/18/00	1025
MD54-00-0104	54-15442	54-007(c)	Drain field, 4.67-5 ft bgs	x	x	x	12/18/00	1050
MD54-00-0105	54-15442	54-007(c)	Drain field, 5.17-5.33 ft bgs	x	x	x	12/18/00	1115
MD54-01-0014	54-15443	54-007(c)	Inlet pipe, 6-7 ft bgs below pipe	x	x	x	1/19/01	1610
MD54-01-0015	54-15444	54-007(c)	Tank imprint, 10-10.83 ft bgs west end	x	x	x	1/19/01	1441
MD54-01-0016	54-15444	54-007(c)	Tank imprint, 10.83-11.33 ft bgs west end	x	x	x	1/19/01	1634
MD54-01-0017	54-15445	54-007(c)	Tank imprint, 10-10.58 ft bgs center	x	x	x	1/19/01	1503
MD54-01-0018	54-15445	54-007(c)	Tank imprint, 11.08-11.58 ft bgs center	x	x	x	1/19/01	1607
MD54-01-0019	54-15446	54-007(c)	Tank imprint, 10-11 ft bgs east end	x	x	x	1/19/01	1320
MD54-01-0020	54-15446	54-007(c)	Tank imprint, 11-12 ft bgs east end	x	x	x	1/19/01	1551
MD54-01-0056	54-15443	54-007(c)	Inlet pipe, 5-6 ft bgs below pipe	x	x	x	1/19/01	1600
MD54-01-0057	54-15443	54-007(c)	Inlet pipe, 6-7 ft bgs below pipe	x	x	x	1/19/01	1600
MD54-01-0007	54-15459	54-007(e)	Drain field, 4.5-5.33 ft bgs	x	x	x	1/2/01	1227
MD54-01-0008	54-15459	54-007(e)	Drain field, 7.25-7.33 ft bgs	x	x	x	1/2/01	1240
MD54-01-0033	54-15428	54-007(e)	Drain field, 5.33-6 ft bgs	x	x	x	2/7/01	1250
MD54-01-0034	54-15428	54-007(e)	Drain field, 7-7.33 ft bgs	x	x	x	2/7/01	1300
MD54-01-0035	54-15429	54-007(e)	Drain field, 5.5-6 ft bgs	x	x	x	2/7/01	1325
MD54-01-0036	54-15429	54-007(e)	Drain field, 7-8 ft bgs	x	x	x	2/7/01	1335
MD54-01-0051	54-15429	54-007(e)	Drain field, 7-8 ft bgs	x	x	x	2/7/01	1335
MD54-01-0037	54-15430	54-007(e)	Drain field, 5.33-6 ft bgs	x	x	x	2/7/01	1350
MD54-01-0038	54-15430	54-007(e)	Drain field, 7.33-8 ft bgs	x	x	x	2/7/01	1405
MD54-01-0039	54-15431	54-007(e)	Drain field, 5.33-6 ft bgs	x	x	x	2/7/01	1500
MD54-01-0040	54-15431	54-007(e)	Drain field, 7-8 ft bgs	x	x	x	2/7/01	1510

Table 2.4-2 (continued)

Sample ID	Site ID	PRS	Sample Location	SVOC	Strontium-90	VOC	Collection Date	Collection Time
MD54-01-0041	54-15432	54-007(e)	Drain field, 5.33-6 ft bgs	x	x	x	2/7/01	1515
MD54-01-0042	54-15432	54-007(e)	Drain field, 7-7.83 ft bgs	x	x	x	2/7/01	1520
MD54-01-0043	54-15433	54-007(e)	Inlet pipe, 4-5 ft bgs	x	— <sup>b</sup>	x	1/18/01	1110
MD54-01-0044	54-15433	54-007(e)	Inlet pipe, 5-6 ft bgs	x	—	x	1/18/01	1115
MD54-01-0045	54-15434	54-007(e)	Tank imprint, west end 8-9 ft bgs	x	—	x	1/18/01	912
MD54-01-0046	54-15434	54-007(e)	Tank imprint, west end 9-10 ft bgs	x	—	x	1/18/01	920
MD54-01-0047	54-15435	54-007(e)	Tank imprint, center 8-9 ft bgs	x	—	x	1/18/01	1010
MD54-01-0048	54-15435	54-007(e)	Tank imprint, center 9-10 ft bgs	x	—	x	1/18/01	1015
MD54-01-0049	54-15436	54-007(e)	Tank imprint, east end 8-9 ft bgs	x	—	x	1/18/01	1038
MD54-01-0050	54-15436	54-007(e)	Tank imprint, east end 9-10 ft bgs	x	—	x	1/18/01	1040
MD54-01-0058	54-15433	54-007(e)	Inlet pipe, 4-5 ft bgs	—	x	—	1/18/01	1110
MD54-01-0059	54-15433	54-007(e)	Inlet pipe, 5-6 ft bgs	—	x	—	1/18/01	1115
MD54-01-0060	54-15434	54-007(e)	Tank imprint, west end 8-9 ft bgs	—	x	—	1/18/01	912
MD54-01-0061	54-15434	54-007(e)	Tank imprint, west end 9-10 ft bgs	—	x	—	1/18/01	920
MD54-01-0062	54-15435	54-007(e)	Tank imprint, center 8-9 ft bgs	—	x	—	1/18/01	1010
MD54-01-0063	54-15435	54-007(e)	Tank imprint, center 9-10 ft bgs	—	x	—	1/18/01	1015
MD54-01-0064	54-15436	54-007(e)	Tank imprint, east end 8-9 ft bgs	—	x	—	1/18/01	1038
MD54-01-0065	54-15436	54-007(e)	Tank imprint, east end 9-10 ft bgs	—	x	—	1/18/01	1040

<sup>a</sup> x = Indicates analysis for this constituent was conducted.

<sup>b</sup> A dash indicates no analysis was conducted for this constituent.

JCNM used a vacuum truck to pump the water and sludge out of the tank; the approximate volume of water in the tank was 800 gal. The interior of the tank was then washed using a high-pressure washer, and an additional 500 gal. of wash water were pumped from the tank. The material pumped from the tank was taken to the SWCS facility at TA-46 for disposal. The interior of the tank was examined and photographed (Appendix H) from the 20-in. by 20-in. cleanout opening.

The exposed tank was in sound condition with no visible signs of cracking (Appendix H). Both compartments of the tank contained water and sludge. On January 18, 2001, the tank was collapsed in place, and sections of the tank were removed from the excavation. The tank imprint was partially visible after the tank was removed. There was no staining or excessive moisture in the adjacent soils to indicate leakage from the tank. The exposed PVC inlet and outlet lines were in sound condition with no visual signs of leakage. The inlet line extended less than 5 ft from the manhole to the tank.

The tank sections and associated debris (e.g., concrete guard posts, pipes, and rebar from temporary fencing) were placed in a roll-off bin. The tank inlet and outlet lines were plugged with appropriately sized, permanent, expandable, gasket-type plugs.

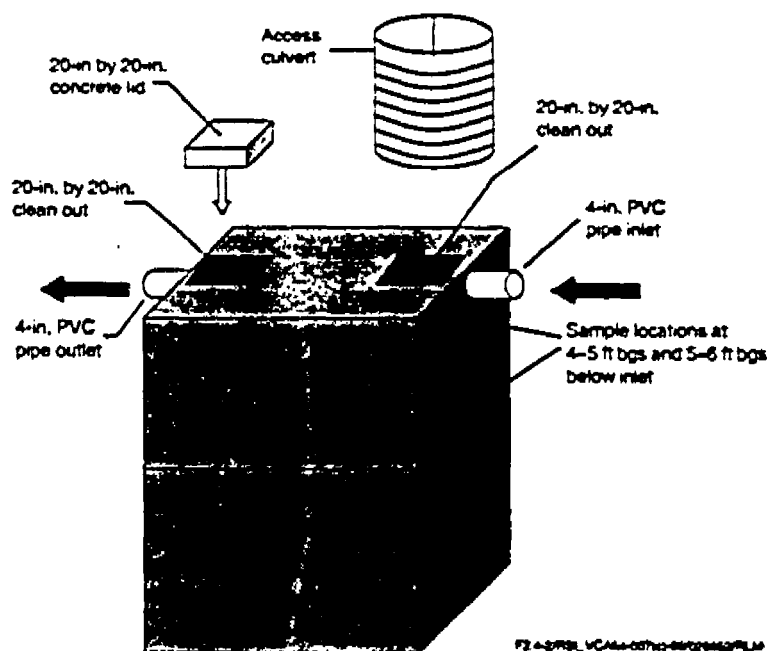


Figure 2.4-2. Diagram of septic tank at PRS 54-007(e) and locations of excavation samples

Immediately after the tank was removed, six samples (four soil, two tuff) were collected from two depth intervals at three locations in the tank imprint location to determine if contaminants were released from the septic tank (Figure 2.3-2). Two additional samples were collected at two depths from beneath the inlet pipe (4 ft bgs) to determine if contaminants had been released from the pipe. The samples were submitted to an off-site, fixed laboratory for analysis. Table 2.4-2 lists sample and site ID numbers, PRSs, sample locations, sample collection dates, sample collection times, and the analyses requested.

The location of the drain field was based on review of the as-built map (LANL 1974, 66870.9). Soil samples were collected from the drain field on January 2, 2001. After sampling, it was determined that the as-built maps were inadequate and that the drain field was not in the expected location. A backhoe was used to trench across the suspected area of the drain field. Samples were collected with a hand auger from the bottom of the trenches (in accordance with guidance in Appendix I), and sample locations were surveyed. Trenching activities were successful in locating the drain field (Figure 2.3-2). Only two of the samples (MD54-01-007 and MD-54-01-008) collected on January 2, 2001, were collected from within the actual location of the drain field. On February 7, 2001, an additional 10 soil samples were collected from the drain field at two depth intervals (5-6 ft bgs and 8-9 ft bgs) (Table 2.4-1).

A 6-in. layer of gravel was placed in the bottom of the excavated area for future identification. The excavation then was backfilled with soil from excavation and benching activities.

#### 2.4.2 Data Review for VCA Samples

The waste characterization sample results for 2000 (Section 2.4.1) were used to define the post-VCA confirmation sample analytical suite; the suite included VOCs and SVOCs. Strontium-90 was added to the analytical suite at the request of NMED (Appendix I). As stated in Section 2.4.1, the pesticide/PCB results for the waste characterization samples for 2000 were rejected because the extraction holding time was exceeded by the analytical laboratory. Therefore, the 1995 Phase I RFI pesticide/PCB data were

used to determine if pesticides/PCBs should be included in the post-VCA confirmation sample analytical suite. Pesticides/PCBs were not detected in the 1995 Phase I RFI samples and, therefore, were not included in the VCA confirmation sample analytical suite. The waste characterization and VCA confirmation samples for 2000 were also screened for gross alpha, beta, and gamma radiation in accordance with Department of Transportation shipping requirements. Detected chemicals are presented in Figure 2.3-2. Post-VCA confirmation sample results are discussed in the following sections and are presented in Appendix D. In accordance with the approved VCA plan, confirmation samples were not analyzed for inorganic chemicals or pesticides/PCBs because they were not detected above BVs and/or regulatory limits in the waste characterization samples.

#### **2.4.2.1 Inorganic Chemical Comparison with Background**

Inorganic chemicals were not included in the post-VCA confirmation analytical suite for 2001, because no inorganic chemicals were detected in the septic tank waste characterization samples for 2000 (Section 2.4.2). During the 1995 Phase I RFI, a total of eight drain field soil samples (four from each drain field) and six sludge/water samples (three from each septic tank) were collected from PRS 54-007(c)-99 and analyzed for TAL metals. The only inorganic chemical detected above Laboratory BVs was zinc. The zinc concentration (50.7 mg/kg) was detected within the range of the background data set (14 mg/kg to 75.5 mg/kg) and is not considered to be different from background.

#### **2.4.2.2 Radionuclide Comparison with Background/Fallout Radionuclide Concentration**

Radionuclides were not included in the post-VCA confirmation analytical suite for 2001 because no radionuclides were detected in the septic tank waste characterization samples for 2000 (Section 2.4.2). However, 40 post-VCA confirmation samples were analyzed for strontium-90 at the request of NMED (Appendix I). Strontium-90 was not detected in any of the samples. During the 1995 Phase I RFI, a total of eight drain field soil samples (four from each drain field) were collected from PRS 54-007(c)-99 and analyzed for gamma radiation by gamma spectroscopy. None of the 43 radionuclides identified in the gamma spectroscopy analytical suite defined in the ER Project's analytical services contract were detected.

#### **2.4.2.3 Evaluation of Organic Chemicals**

Eleven organic chemicals were detected in the 43 post-VCA confirmation samples analyzed for VOCs and SVOCs during 2001. Analytical results from the eight 1995 Phase I RFI drain field soil samples and six septic tank sludge/water samples showed the presence of extremely low concentrations of VOCs and SVOC in the septic tank sludge and soil in and around the drain fields. Most of the data were qualified as estimated (J) because the reported values were less than the reporting limits but above the method detection limits. Data quality is discussed in Appendix C. Table 2.4-3 presents the frequency of detected organic chemicals. Table 2.4-4 presents the analytical results for the detected organic chemicals; these chemicals were retained as COPCs. Qualifiers associated with the data are defined in Appendix C. Figure 2.3-2 shows sample locations of detected organic chemicals.

#### **2.4.3 Revised Site Conceptual Model**

The preliminary conceptual model identified potential release mechanisms as seepage through (1) porous joints in drainlines and (2) the intended release of the septic tank contents from the slotted PVC lines into the drain fields. Results of this investigation showed that the preliminary conceptual model for this PRS does not need to be revised.

**Table 2.4-3**  
**Frequency of Detected Organic Chemicals in**  
**Confirmation Samples Collected During the 2001 VCA at PRS 54-007(c)-99**

Analyte	Medium	Number of Analyses	Number of Detects	Concentration Range <sup>a</sup> (mg/kg)	EQL <sup>b</sup> (mg/kg)	Frequency of Detects
Acetone	Soil	22	10	0.012-0.059	0.031	10/22
Acetone	Fill	13	2	[0.02]-0.033	0.031	2/13
Acetone	Obt 3	8	4	0.014-0.038	0.027	4/8
Bis(2-ethylhexyl)phthalate	Soil	22	1	[0.34]-0.8	0.41	1/22
Bis(2-ethylhexyl)phthalate	Fill	13	5	0.048-[0.37]	0.37	5/13
Bis(2-ethylhexyl)phthalate	Obt 3	8	1	0.041-[0.38]	0.38	1/8
Bromomethane	Fill	13	2	0.0027-[0.016]	0.016	2/13
Butanone[2-]	Soil	22	3	0.0037-[0.031]	0.031	3/22
Butylbenzylphthalate	Fill	13	1	0.049-[0.37]	0.37	1/13
Carbon disulfide	Soil	22	1	0.0024-[0.0075]	0.0075	1/22
Carbon disulfide	Fill	13	2	0.0019-[0.079]	0.0079	2/13
Dimethylphthalate	Soil	13	1	[0.33]-1.2	0.41	1/13
Isopropyltoluene[4-]	Fill	13	1	[0.0049]-[0.0079]	0.0079	1/13
Methyl-2-pentanone[4-]	Obt 3	8	1	0.0025-[0.027]	0.027	1/8
Toluene	Fill	13	1	0.0022-[0.0079]	0.0079	1/13
Trichlorofluoromethane	Soil	22	1	0.0012-[0.015]	0.015	1/22

<sup>a</sup> Values in brackets indicate nondetected results.

<sup>b</sup> EQLs listed are the maximum EQLs for all of the samples. Sample-specific EQLs may be lower than the value in the table.

#### 2.4.3.1 Nature and Extent of Contamination

Organic chemicals detected (Table 2.4-4) in drain field samples collected during the 1995 Phase I RFI and the 2001 VCA included bis(2-ethylhexyl) phthalate, butylbenzylphthalate, toluene, acetone, bromomethane, carbon disulfide, and isopropyltoluene (Figure 2.3-2). These analytical results were all reported at concentrations below their EQLs, except for acetone in two samples. The detected concentrations of acetone were slightly above the EQLs (by 0.004 mg/kg to 0.011 mg/kg).

The organic chemicals acetone, bis(2-ethylhexyl) phthalate, carbon disulfide, trichlorofluoromethane, methyl-2-pentanone (4-), butanone[2-], and dimethylphthalate (Table 2.4-4) were detected at low concentrations in the tank imprints in the 2000/2001 VCA (Figure 2.3-2). With the exception of five detects of acetone and a single detect of bis(2-ethylhexyl)phthalate (0.8 mg/kg), these analytical results were all detected at concentrations less than their EQLs. These chemicals are commonly seen in low concentrations at industrial sites. The detected concentrations of acetone were slightly above the respective sample EQLs (by 0.004 mg/kg to 0.011 mg/kg) and the detect of bis(2-ethylhexyl)phthalate was above the EQL by 0.42 mg/kg.

Table 2.4-4  
Analytical Results for Detected Organic Chemicals During the 2001 VCA at PRS 54-007(c)-99

Sample ID	Location ID	Depth (m)	Media	Acetone	Bis(2-ethylhexyl)phthalate	Bromomethane	Butanone[2-]	Butylbenzylphthalate	Carbon Disulfide	Dimethyl Phthalate	Isopropyltoluene[4-]	Methyl-2-pentanone[4-]	Toluene	Trichlorofluoromethane
MD54-00-0094	54-15437	5.00-5.50	F#1	—	—	—	—	—	—	—	—	—	—	—
MD54-00-0095	54-15437	5.67-6.00	OK#3	—	—	—	—	—	—	—	—	—	—	—
MD54-00-0096	54-15438	5.00-6.00	F#1	—	—	—	—	—	—	—	—	—	—	—
MD54-00-0097	54-15438	7.00-8.00	F#1	—	0.048 (J) <sup>b</sup>	—	—	—	—	—	—	—	—	—
MD54-00-0098	54-15439	5.00-5.83	F#1	—	—	—	—	—	—	—	—	—	—	—
MD54-00-0099	54-15439	5.83-6.50	OK#3	—	0.041 (J)	—	—	—	—	—	—	—	0.0022 (J)	—
MD54-00-0100	54-15440	5.00-5.67	F#1	—	0.078 (J)	—	—	—	—	—	—	—	—	—
MD54-00-0154	54-15440	5.00-5.67	F#1	—	—	—	—	—	—	—	0.0077 (J)	—	—	—
MD54-00-0101	54-15440	5.67-6.00	F#1	—	—	—	—	—	—	—	—	—	—	—
MD54-00-0102	54-15441	5.33-5.67	F#1	—	0.031 (J) <sup>c</sup>	—	—	—	—	—	—	—	—	—
MD54-00-0103	54-15441	5.67-5.83	F#1	—	0.026 (J) <sup>c</sup>	—	—	—	—	—	—	—	—	—
MD54-00-0104	54-15442	4.67-5.00	F#1	—	—	—	—	—	—	—	—	—	—	—
MD54-00-0105	54-15442	5.17-5.33	F#1	—	0.054 (J) <sup>c</sup>	—	—	0.049 (J) <sup>c</sup>	—	—	—	—	—	—
MD54-01-0056	54-15443	5.00-6.00	So#1	—	—	—	—	—	0.0024 (J)	—	—	—	—	—
MD54-01-0057	54-15443	5.00-6.00	So#1	0.018 (J)	—	—	—	—	—	—	—	—	—	—
MD54-01-0014	54-15443	6.00-7.00	So#1	—	0.8	—	—	—	—	—	—	—	—	—
MD54-01-0015	54-15444	10.00-10.83	So#1	—	—	—	0.0046 (J)	—	—	12 (J) <sup>d</sup>	—	—	—	—
MD54-01-0016	54-15444	10.83-11.33	OK#3	0.018 (J)	—	—	—	—	—	—	—	—	—	—
MD54-01-0017	54-15445	10.00-10.58	So#1	0.028 (J)	—	—	—	—	—	—	—	—	—	—
MD54-01-0018	54-15445	11.08-11.58	OK#3	0.027 (J) <sup>c</sup>	—	—	—	—	—	—	—	0.0025 (J) <sup>c</sup>	—	—
MD54-01-0019	54-15446	10.00-11.00	So#1	—	—	—	—	—	—	—	—	—	—	0.0012 (J)
MD54-01-0020	54-15446	11.00-12.00	OK#3	0.038 (J)	—	—	—	—	—	—	—	—	—	—
MD54-01-0033	54-15428	5.33-6.00	So#1	—	—	—	—	—	—	—	—	—	—	—



Table 2.4-4 (continued)

Sample ID	Location ID	Depth (ft)	Media	Acetone	Bis(2-ethylhexyl)phthalate	Bromomethane	Butanone[2-]	Butylbenzylphthalate	Carbon Disulfide	Dimethyl Phthalate	Isopropyltoluene[4-]	Methyl-2-pentanone[4-]	Toluene	Trichlorofluoromethane
MD54-01-0034	54-15428	7.00-7.33	OM3	—	—	—	—	—	—	—	—	—	—	—
MD54-01-0035	54-15429	5.50-6.00	Soil	—	—	—	—	—	—	—	—	—	—	—
MD54-01-0036	54-15429	7.00-8.00	Soil	0.013 (U)	—	—	—	—	—	—	—	—	—	—
MD54-01-0051	54-15429	7.00-8.00	Soil	0.059 (U)	—	—	—	—	—	—	—	—	—	—
MD54-01-0050	54-15429	12.00-24.00	Soil	—	—	—	—	—	—	—	—	—	—	—
MD54-01-0037	54-15430	5.33-6.00	Soil	—	—	—	—	—	—	—	—	—	—	—
MD54-01-0038	54-15430	7.33-8.00	Soil	—	—	—	—	—	—	—	—	—	—	—
MD54-01-0039	54-15431	5.33-6.00	Soil	—	—	—	—	—	—	—	—	—	—	—
MD54-01-0040	54-15431	7.00-8.00	Soil	—	—	—	—	—	—	—	—	—	—	—
MD54-01-0041	54-15432	5.33-6.00	Soil	0.019 (U)	—	—	—	—	—	—	—	—	—	—
MD54-01-0042	54-15432	7.00-7.83	Soil	—	—	—	—	—	—	—	—	—	—	—
MD54-01-0043	54-15433	4.00-5.00	Soil	0.037 (U)	—	—	—	—	—	—	—	—	—	—
MD54-01-0044	54-15433	5.00-6.00	Soil	0.033 (U)	—	—	0.0037 (U)	—	—	—	—	—	—	—
MD54-01-0045	54-15434	8.00-9.00	Soil	0.039 (U)	—	—	0.0069 (U)	—	—	—	—	—	—	—
MD54-01-0046	54-15434	8.00-10.00	OM3	—	—	—	—	—	—	—	—	—	—	—
MD54-01-0047	54-15435	8.00-9.00	Soil	0.029 (U)	—	—	—	—	—	—	—	—	—	—
MD54-01-0048	54-15435	9.00-10.00	OM3	0.014 (U)	—	—	—	—	—	—	—	—	—	—
MD54-01-0049	54-15436	8.00-9.00	Soil	0.012 (U)	—	—	—	—	—	—	—	—	—	—
MD54-01-0007	54-15459	4.50-5.33	Fill	0.033 (U)	—	0.0028 (U)	—	—	0.0022 (U)	—	—	—	—	—
MD54-01-0008	54-15459	7.25-7.33	Fill	0.027 (U)	—	0.0027 (U)	—	—	0.0019 (U)	—	—	—	—	—

\* A dash indicates a nondetect.

b. j = reported value should be regarded as estimated.

c. j = reported value should be regarded as estimated and biased high.

d. j = reported value should be regarded as estimated and biased low.

The results indicated consistently low concentrations of organic COPCs, most of which were detected at concentrations below their EQLs (Figure 2.3-2). At most locations, the concentrations of organic chemicals decreased slightly with depth. Except for acetone, the organic chemicals detected did not originate from the PRS 54-007(c)-99 septic systems because they were not detected in the septic tank contents (Table 2.4-1). Because concentrations were near or below the EQLs and generally decreased with depth, additional sampling for extent is not warranted at PRS 54-007(c)-99.

### 2.4.3.2 Environmental Fate

The evaluation of environmental fate addresses the chemical processes that affect the persistence of a chemical in the environment. Table 2.4-5 presents data on the vapor pressure and solubility of the COPCs. The evaluation of transport addresses the physical processes affecting mobility along the migration pathway. Physicochemical properties such as vapor pressure and solubility in water are important in evaluating constituent mobility.

The following information, summarized from Ney (1995, 58210), is presented to give the reader an indication of the fate and transport tendencies of organic chemicals.

**Water Solubility.** Water solubility is perhaps the most important chemical characteristic used to assess chemical mobility. The higher the water solubility of a chemical, the more likely it is to be mobile and the less likely it is to accumulate, bioaccumulate, volatilize, and persist in the environment. Chemicals with solubilities greater than 0.1 gram per 100 milliliter (0.1 g/100mL) are more prone to biodegradation and metabolism. Chemicals with water solubilities less than 0.001 g/100mL are more likely to be immobilized by way of adsorption.

**Vapor Pressure.** Chemicals with vapor pressure greater than 0.01 millimeter mercury (mmHg) are more likely to volatilize and diffuse through the soil pore-gas with potential release to the atmosphere. Chemicals with vapor pressures less than 0.000001 mmHg are less likely to volatilize and, therefore, remain immobile.

Table 2.4-5  
Physiochemical Properties for COPCs at PRS 54-007(c)-99

Name	Vapor Pressure (mmHg) <sup>a</sup>	Water Solubility (g/100mL) <sup>b</sup>
Acetone	231	Miscible
Bis(2-ethylhexyl)phthalate	$7.23 \times 10^{-8}$	$3.4 \times 10^{-5}$
Bromomethane	1420	1.522
2-Butanone	91	25.6
Butylbenzylphthalate	$8.25 \times 10^{-6}$	$2.69 \times 10^{-4}$
Carbon disulfide	359	0.1185
Dimethylphthalate	$3.08 \times 10^{-3}$	<0.1
Isopropyltoluene	1.72	Insoluble <sup>c</sup>
Methyl-2-pentanone(4-)	19.9	1.9
Toluene	28.4	0.526
Trichlorofluoromethane	803	0.124

<sup>a</sup> HSDB (2001, 63385).

<sup>b</sup> ChemFinder.com (2001, 70072).

<sup>c</sup> Miscible = capable of being mixed evenly.

<sup>d</sup> Lewis (1987, 34770).

Bis(2-ethylhexyl)phthalate; the polyaromatic hydrocarbons (PAHs) benz(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, and pyrene; butylbenzylphthalate; and isopropyltoluene have low water solubilities and low vapor pressures indicating that these chemicals are not highly mobile. Acetone, bromomethane, 2-butanone, carbon disulfide, methyl-2-pentanone(4-), toluene, and trichlorofluoromethane have relatively high solubilities and high vapor pressures indicating that the dominant phase of these chemicals is gaseous and that they are present mainly in soil gas. With the exception of PAHs and trichlorofluoromethane, these organic chemicals will biodegrade readily in soil with half-lives ranging between 1 and 23 days. Trichlorofluoromethane has a half-life of 6 to 12 months. PAHs bind aggressively to organic matter in soil and are therefore resistant to degradation, as reflected in half-lives in soil of up to 6 yr (Howard et al. 1991, 57502).

Based on a review of literature data, most organic chemicals listed in Table 2.4-5 can be expected to biodegrade in soil as their estimated half-lives range between 1 day and 6 yr in aerobic conditions (Howard et al. 1991, 57902). However, the mass available for migration is extremely low, as demonstrated by detections less than EQLs. In addition, the amount of water percolating through the soil at the site is limited because of high evapotranspiration and the semiarid climate. Based on this information and site conditions, it is unlikely that organic chemicals were transported off site.

## 2.5 Site Assessments

### 2.5.1 Screening Assessments

#### 2.5.1.1 Human Health

A human health screening assessment was used to determine if COPC concentrations resulted in potential unacceptable risk to receptors. The human health screening assessment was performed according to the approach outlined in Chapter 3 of the approved IWP (LANL 1998, 62060).

#### (a) Scoping

Land use at PRS 54-007(c)-99 currently is industrial and will remain so in the future as the site is expected to remain under Laboratory control. Future land use of the site is described in the land-use master plan and future land-use map for the Laboratory (LANL 1995, 57224).

The potential for human exposure to contaminants in the environment at this site is very low because contamination is in subsurface soil and tuff, and public access is limited. As indicated in Section 2.3.2, Preliminary Conceptual Model, exposure pathways were complete only when contaminated media were excavated and brought to the surface. Potential exposure pathways included inhalation of particulates/dust/vapors, incidental ingestion of soil, and dermal contact with the soil.

#### (b) Screening Evaluation

The maximum detected concentration for each COPC was compared with the appropriate screening action level (SAL). The SALs for nonradionuclides were calculated based on the methodology provided in Appendix C of the approved IWP (LANL 1998, 62060) or provided in NMED guidance (NMED 2000, 68554). The parameters used include the most current values available, as presented in EPA Region 6 and/or NMED guidance (EPA 2000, 68410; NMED 2000, 68554). Even though land use at PRS 54-007(c)-99 is industrial, the SALs used in the screening evaluation reflect a residential exposure scenario for which exposure is based on 24 hr/day and 350 days/yr. The comparison is done separately for noncarcinogens and carcinogens. The SALs for noncarcinogens are based on a hazard quotient (HQ) of 1.0; SALs for carcinogens are based on a target cancer risk of  $10^{-6}$ . The maximum concentration of each COPC was compared with the SAL for carcinogens and the 0.1 SAL for noncarcinogens because

more than two noncarcinogenic COPCs have been identified. The comparison with SALs is shown in Tables 2.5-1 and 2.5-2 for noncarcinogenic and carcinogenic COPCs, respectively.

The detected concentrations of noncarcinogenic organic COPCs and detection limits for cyanide were orders of magnitude below the 0.1 SALs. Antimony had detection limits (9 mg/kg) greater than background (0.83 mg/kg) and greater than the 0.1 SAL (0.3 mg/kg) but less than the SAL (30 mg/kg). Because all detected concentrations of noncarcinogenic organic COPCs and detection limits for cyanide were orders of magnitude less than the 0.1 SAL and antimony detection limits were 0.16 SAL, the hazard index (HI) (the sum of the ratios of the maximum concentration divided by the SAL) was less than 1.0. None of the noncarcinogenic COPCs were present in the sludge and water samples collected during 2000 from the septic tanks at PRS 54-007(c)-99.

The maximum concentrations of carcinogenic COPCs were below SALs by one or two orders of magnitude. NMED (2000, 68554) has indicated that carcinogenic risk less than 1 in 100,000 ( $1 \times 10^{-5}$ ) is the target risk level. The total potential excess cancer risk from exposure to carcinogenic COPCs at PRS 54-007(c)-99 is approximately  $1 \times 10^{-7}$ . The only carcinogenic COPC present in the sludge and water samples collected during 2000 from the septic tanks at PRS 54-007(c)-99 was acetone.

Table 2.5-1  
Comparison of Noncarcinogenic COPCs to SALs, PRS 54-007(c)-99

Analyte	Location ID	Sample ID	Depth (ft bgs)	Maximum Sample Value (mg/kg)	SAL (mg/kg)	0.1 SAL (mg/kg)
Acetone	54-15429	MD54-01-0051	7-8	0.059(J)	1600	160
Bromomethane	54-15459	MD54-01-0007	4.5-5.3	0.0028(J)	3.7	0.37
2-Butanone	54-15434	MD54-01-0045	3-9	0.0069(J)	37000	3700
Butylbenzylphthalate	54-15442	MD54-00-0105	5.2-5.3	0.049(J+)	240	24
Carbon disulfide	54-15443	MD54-01-0057	11-12	0.0024(J)	360	36
Dimethylphthalate	54-15444	MD54-01-0015	5-6	1.2(J-)	100000	10000
Fluoranthene	54-9218	0554-95-2029	3.2-4	0.048	2300	230
4-Isopropyltoluene	54-15440	MD54-00-0101	5.7-6	0.0077(J)	160*	16
4-Methyl-2-pentanone	54-15445	MD54-01-0018	11-12	0.0025(J)	790	79
Pyrene	54-9218	0554-95-2029	3.2-4	0.038	2300	230
Toluene	54-15440	MD54-00-0100	5-5.7	0.0022(J)	180	18
Trichlorofluoromethane	54-15446	MD54-01-0019	10-11	0.0012(J)	390	39
Antimony	54-9217	0554-95-2028	3.2-4	9.0(U)	30	3
Cyanide	54-9215	0554-95-2035	2.2-3	1.03(UJ)	1200	120

\* A SAL is not available for 4-isopropyltoluene. The SAL for isopropylbenzene or cumene was used based on structural similarity (EPA 2000, 68410).

### Table 2.5-2

Analyte	Location ID	Sample ID	Depth (ft)	Maximum Sample Value (mg/kg)	SAL (mg/kg)
Benz(a)anthracene	54-9218	0554-95-2029	3.2-4	0.031	0.62
Benzo(b)fluoranthene	54-9218	0554-95-2029	3.2-4	0.043	0.62
Benzo(k)fluoranthene	54-9218	0554-95-2029	3.2-4	0.04	6.2
Bis(2-ethylhexyl)phthalate	54-15433	MD54-01-0020	1-2	0.8	35
Chrysene	54-9218	0554-95-2029	3.2-4	0.036	62

### (c) Uncertainty Analysis

The analysis presented in this human health screening assessment is subject to varying degrees and kinds of uncertainty. The uncertainties associated with the data evaluation, exposure assessment, toxicity assessment, and the additive approach may affect the results.

**Data Evaluation and COPC Identification Process.** Uncertainties associated with the data can include sampling errors, laboratory analysis errors, and data analysis errors. For this PRS, these uncertainties are expected to have little effect on the results even though the detected concentrations of organic COPCs were qualified J, indicating that the values were less than EQLs and could only be estimated. Cyanide was not detected in soil but had a detection limit of 1.0 mg/kg above the BV of 0.5 mg/kg. However, the detection limit was less than the 0.1 SAL (120 mg/kg). Antimony was also not detected in soil but had a detection limit of 9.0 mg/kg that exceeded the 0.1 SAL (3.0 mg/kg); this detection limit was less than the SAL of 30 mg/kg.

**Exposure Assessment.** Uncertainties were identified in three areas of the exposure assessment process.

- Identification of Receptors. Land-use and activity patterns are not represented by those activities assumed by the residential land-use scenario; therefore, uncertainties are introduced. If the potentially exposed individual were an industrial worker, the screening assessment would overestimate the exposure and subsequently overestimate the potential hazard and risk.
- Exposure Pathway Assumptions. For each exposure pathway, assumptions are made concerning the parameters, the routes of exposure, the amount of contaminated media to which an individual can be exposed, and intake rates for different routes of exposure. In the absence of site-specific data, the assumptions used are consistent with EPA-approved parameters and default values (EPA 2000, 68410). When several of these upper-bound values are combined to estimate exposure for any one pathway, the resulting risks can be in excess of the 99th percentile and therefore outside the range that may be reasonably expected. Exposure pathways at this PRS are likely incomplete unless the site is disturbed (e.g., remediated). Although the site was disturbed during remediation, the timeframe for exposure was short. Therefore, assessing risks at this site overestimates potential exposure to COPCs.
- Derivation of Exposure Point Concentrations. Maximum detected concentrations are used for comparison to SALs. This practice leads to an overestimation of the concentration that represents exposure over the entire site. It also results in an overestimation of the potential risk to human health.

**Toxicity Values.** The primary uncertainty associated with the SALs is related to derivation of toxicity values used in the calculation. EPA toxicity values (reference doses [RfDs] and slope factors [SFs]) were used to derive the nonradiological SALs used in this risk screening assessment (EPA 2001, 70109; EPA 1997, 58968). Uncertainties were identified in three areas with respect to the toxicity values:

(1) extrapolation from animals to humans, (2) extrapolation from one route of exposure to another route of exposure, and (3) interindividual variability in the human population.

- **Extrapolation from Animals to Humans.** The SFs and RfDs are often determined based on extrapolation from animal data to humans, which may result in uncertainties in toxicity values because differences exist in chemical absorption, metabolism, excretion, and toxic response between animals and humans. The EPA takes into account differences in body weight, surface area, and pharmacokinetic relationships between animals and humans to minimize the potential to underestimate the dose-response relationship; however, more conservatism is usually incorporated in these steps.
- **Extrapolation from One Route of Exposure to Another Route of Exposure.** The SFs and RfDs can often contain extrapolations from one route of exposure to another. This extrapolation from the oral route to the inhalation and/or the dermal route is used and is based on the EPA's Integrated Risk Information System database (EPA 2001, 70109). Differences between the two exposure pathways could result in an overestimation of the risk.
- **Interindividual Variability in the Human Population.** For noncarcinogenic effects, the amount of human variability in physical characteristics is important in determining the risks that can be expected at low exposures and in determining the no observed adverse effect level (NOAEL). The NOAEL/uncertainty factor approach incorporates a 10-fold factor to reflect the possible interindividual variability in the human population and is generally considered a conservative estimate.

**Additive Approach.** For noncarcinogens, the effects of a mixture of chemicals are generally unknown and possible interactions could be synergistic or antagonistic, thereby overestimating or underestimating the risk. Additionally, the RfDs for different chemicals are not based on the same severity, effect, or target organ. Therefore, the potential for occurrence of noncarcinogenic effects can be overestimated for chemicals that act by different mechanisms and on different target organs but are addressed additively.

#### (d) Interpretation

Concentrations of organic COPCs were less than 0.1 of their respective SALs for noncarcinogens and SAL for carcinogens. Cyanide detection limits were below the 0.1 SAL, and detection limits for antimony were greater than the 0.1 SAL but less than SAL. The concentrations of COPCs were below NMED target risk levels of  $10^{-6}$  cancer risk and an HI of 1.0. Therefore, there is no unacceptable risk to human health at PRS 54-007(c)-99.

#### 2.5.1.2 Ecological

The approach for conducting ecological assessments is described in "Screening Level Ecological Risk Assessment Methods" (LANL 1999, 64783). The assessment consists of four parts: scoping, screening evaluation, uncertainty analysis, and interpretation of the results.

##### (a) Scoping

The ecological scoping checklist, which is included in the VCA plan (Environmental Restoration Project 2000, 68723), was completed early in the assessment process and was a useful tool for organizing existing ecological information. This information was used to confirm whether ecological receptors might

be affected, identify the types of receptors that might be present, determine whether the PRS should be aggregated with other PRSs, and develop the ecological site conceptual model (ESCM) for the PRS.

The scoping evaluation establishes the breadth and focus of the screening assessment. One result of the scoping process is an ESCM for the PRS under investigation. The ESCM is contained within the ecological scoping checklist.

PRS 54-007(c)-99 is located in a moderately disturbed area of a mesa top surrounded by piñon-juniper woodlands within TA-54. Mixed grasses and forbs grew around the septic tanks and a moderately dense piñon-juniper community is growing adjacent to the drain fields. The habitat quality is adequate for supporting a typical piñon-juniper community. The vegetation classes for the Facility for Information Management, Analysis, and Display are grassland-scrubland, piñon-juniper/juniper-savannah, and developed. Habitat considered suitable for threatened or endangered species was not identified at PRS 54-007(c)-99.

All potential releases of contaminants were subsurface in nature, and limited exposure would have been feasible only during remediation; therefore, surface transport is not discussed here, nor is surface transport considered a mechanism for exposure to receptors. Potential for contamination of surface water or aquatic receptors is not considered because there are no surface water bodies at this PRS. Groundwater transport is not considered applicable because of the significant depth of the regional aquifer (approximately 700 ft to 1000 ft). The possibility of contact with contaminants by burrowing animals and by plant uptake are the primary potential exposure pathways for terrestrial ecological receptors. No sites are contiguous to or upgradient from this PRS.

#### (b) Screening Evaluation

The purpose of the ecological screening evaluation is to identify chemicals of potential ecological concern (COPECs) for PRS 54-007(c)-99. The evaluation involves the calculation of HQs for all COPCs and all appropriate screening receptors by comparing the maximum sample concentrations to the final (minimum) ecological screening levels (ESLs) (LANL 1999, 64783). The HQs are the ratios of the maximum COPC concentrations to the lowest available ESLs. The HI is a sum of HQs, and an HQ or HI greater than 1.0 is considered an indication of potential adverse impacts. COPCs that result in HQs greater than 0.3 are identified as COPECs.

A screening evaluation was conducted for this site because some exposure pathways are complete for some receptors. The purpose of the screening evaluation is to identify COPECs not to calculate risk. Specifically, the HQ analysis is a conservative indication of potential risk that minimizes the potential of overlooking possible COPECs. Maximum soil exposure point concentrations and minimum ESLs are used for each COPC to ensure conservative evaluation. ESLs were selected from all available data for terrestrial receptors in the Laboratory's ECORISK database (LANL 2000, 67822). Results of this comparison are shown in Table 2.5-3.

Maximum soil concentrations are usually determined only from soil samples taken between the land surface and approximately a 5-ft depth, assuming that terrestrial ecological receptors will not contact soils below this depth. However, because deep-rooted plants and burrowing animals are expected to be present at this site, results down to 12 ft (the maximum depth sampled) were evaluated. HQs were calculated for each COPC based on the most sensitive terrestrial species (i.e., the minimum ESL). ESLs for various receptors are provided in Appendix F, Table F-1.0-1.

**Table 2.5-3**  
**Final ESL Comparison, PRS 54-007(c)-99**

COPC	Maximum Soil Concentration, 0-12 ft (mg/kg)	ESL (mg/kg)	Receptors	HQ (unitless)
Acetone	0.039	1.8	Deer mouse	2E-02
Benz(a)anthracene	0.031	3.3	Shrew	9E-03
Benzo(b)fluoranthene	0.043	7.4	Shrew	6E-03
Benzo(k)fluoranthene	0.040	13	Shrew	3E-03
Bis(2-ethylhexyl)phthalate	0.160	0.24	Kestrel	7E-01
Bromomethane	0.003(J)	No value	- <sup>a</sup>	- <sup>b</sup>
2-Butanone	0.0069(J)	960	Deer mouse	7E-06
Butylbenzylphthalate	0.049(J+)	340	Shrew	1E-04
Carbon disulfide	0.0024	No value	-	-
Chrysene	0.036	3.3	Shrew	1E-02
Dimethylphthalate	1.2	130	Deer mouse	9E-03
Fluoranthene	0.048	26	Shrew	2E-03
4-Isopropyltoluene	0.0077(J)	No value	-	-
Pyrene	0.038	15	Shrew	3E-03
Toluene	0.002	71	Shrew	3E-05
4-Methyl-2-pentanone	0.0025	No value	-	-
Trichlorofluoromethane	0.0094	No value	-	-
Antimony	9.2(U)	0.5	Plant	2E+01
Cyanide	1.03(UJ)	0.1	Robin	1E+01

<sup>a</sup> A dash in this column indicates that toxicity information is not available in the literature for the receptors.

<sup>b</sup> A dash in this column indicates that an HQ was not calculated for this chemical because ESLs are not available for this chemical.

No detected COPCs exceeded their final ESLs, and the HQs were less than 0.3. These COPCs are not evaluated further for potential ecological risk (LANL 1999, 64783). Antimony and cyanide were not detected but had detection limits of 9.2 mg/kg and 1.0 mg/kg, which were above their final ESLs of 0.5 mg/kg and 0.1 mg/kg, respectively. Five chemicals (bromomethane, carbon disulfide, 4-isopropyltoluene, 4-methyl-2-pentanone, and trichlorofluoromethane) do not have ESLs. Antimony, cyanide, bromomethane, carbon disulfide, 4-isopropyltoluene, 4-methyl-2-pentanone, and trichlorofluoromethane are identified as COPECs and are discussed further in the uncertainty analysis.

### (c) Uncertainty Analysis

The uncertainty analysis describes the key sources of uncertainty related to the screening assessment. This analysis can result in either adding or removing chemicals from the list of COPECs for the PRS. This narrative contains a qualitative uncertainty analysis of the issues relevant to evaluating the potential ecological risk at PRS 54-007(c)-99.

The COPC concentrations used in all exposure calculations of HQs were the maximum concentrations in soil, thereby overestimating the actual concentrations of each COPC. The COPCs were also assumed to



Furthermore, the ESLs were calculated to ensure a conservative indication of potential risk (LANL 1999, 64783). That is, the values were biased toward overestimating the potential risk to receptors.

**Antimony.** Antimony was not detected in soil at PRS 54-007(c)-99 (all data were qualified U). However, the detection limits in soil (9.2 mg/kg) were above the soil BV (0.83 mg/kg) and the minimum ESL of 0.5 mg/kg for plants. The detection limits are also higher than the ESLs for the rabbit, mouse, and shrew. Antimony was not detected in the samples (sludge and water) collected during 1995 and 2000 from both septic tanks and is therefore not related to releases from the septic tanks. Antimony is not a COPEC and does not require further evaluation.

There is no ESL information for the following chemicals in the ECORISK database (LANL 2000, 67822).

**Carbon disulfide.** Carbon disulfide was detected in 2 of 34 surface soil samples at a concentration of 0.0024 mg/kg, which is below the EOL of 0.0055 and 0.0057 mg/kg for samples MD54-01-0007 and MD54-01-0008. The infrequent detection and low detected concentration indicate carbon disulfide is not a major contributor to contamination. It was also not detected in the contents of either septic tank and is therefore not related to releases from the septic tanks. Carbon disulfide is not a COPEC.

**Methyl-2-pentanone[4-].** Methyl-2-pentanone[4-] was detected in 1 of 5 tuff samples at 0.0025 mg/kg, which is below the EQL of 0.027 mg/kg. The infrequent detection and low detected concentration indicate methyl-2-pentanone[4-] is not a major contributor to contamination. It was also not detected in the contents of either septic tank and is therefore not related to releases from the septic tanks. Methyl-2-pentanone[4-] is not a COPEC.

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is not a major contributor to contamination. It was also not detected in the contents of either septic tank and is therefore not related to releases from the septic tanks. Trichlorofluoromethane is not a COPEC.

**(d) Interpretation**

For the detected COPCs at this site that have ESLs, HQs were below 0.3, and they are not identified as COPECs. Antimony and cyanide were not detected, but detection limits were higher than some ESLs. However, neither metal was detected in septic tank sludge or water and are not considered site contaminants. In addition, all of the organic COPCs, except acetone, were not detected in the tank contents. The incorporation of conservatism in key parameters used to calculate the ESLs overestimate the potential risk to ecological receptors. Therefore, because the detected COPCs did not exceed an HQ of 0.3 and the other COPCs were either infrequently detected or not detected and were not related to a release, no COPECs are retained for PRS 54-007(c)-99.

**2.5.2 Surface Water Assessments**

The erosion matrix scores for the two septic systems at PRS 54-007(c)-99 are 23 and 56 for 54-007(e) and 54-007(c), respectively. These scores indicate a low-to-moderate potential for erosion in the area of the PRS (Appendix B).

**2.6 Conclusions and Recommendations**

No documented operational spills or unintentional releases are associated with PRS 54-007(c)-99. In the human health screening assessment, maximum concentrations of COPCs were less than the 0.1 SAL for noncarcinogens and less than SAL for carcinogens. Antimony and cyanide were not detected, but detection limits were greater than SAL and the 0.1 SAL, respectively. The detected COPECs did not result in an HQ greater than 0.3 for ecological receptors at this PRS. Detection limits for antimony and cyanide were higher than ESLs. Neither metal nor the other detected organic COPCs without ESLs were detected in septic tank sludge or water, and none is considered a site contaminant.

The areas around the tanks and drain fields were regraded and revegetated.

PRS 54-007(c)-99 is recommended for no further action based on Criterion 5 (NMED 1998, 57897). Criterion 5 states that the PRS has been characterized or remediated in accordance with applicable state or federal regulations and that the available data indicate that chemicals of concern are either not present or are present at concentrations that would pose an acceptable risk under projected future land use.

**3.0 WASTE MANAGEMENT**

All wastes were managed in accordance with all applicable regulatory, DOE, and Laboratory requirements. Wastes generated during VCA activities included water and sludge from both septic tanks, tank decontamination wash water, removed septic tanks, associated tank debris, plastic sheeting, and personal protective equipment (PPE).

Based on waste characterization results, approximately 2600 gal. of water and sludge were disposed of at the TA-46 SWCS facility. The contents of the roll-off bins including the cleaned and excavated tanks, associated debris, and miscellaneous project debris (plastic sheeting and PPE) were disposed of at the industrial waste landfill in Rio Rancho, New Mexico.

#### 4.0 REFERENCES

The following list includes all references cited in this appendix. Parenthetical information following each reference provides the author, publication date, and the ER ID number. This information also is included in the citations in the text. ER ID numbers are assigned by the Laboratory's ER Project to track records associated with the Project. These numbers can be used to locate copies of the actual documents at the ER Project's Records Processing Facility and, where applicable, with the ER Project reference library titled "Reference Set for Material Disposal Areas, Technical Area 54."

Copies of the reference library are maintained at the NMED Hazardous Waste Bureau; the DOE Los Alamos Area Office; United States Environmental Protection Agency, Region 6; and the ER Project Material Disposal Areas Focus Area. This library is a living collection of documents that was developed to ensure that the administrative authority has all the necessary material to review the decisions and actions proposed in this document. However, documents previously submitted to the administrative authority are not included.

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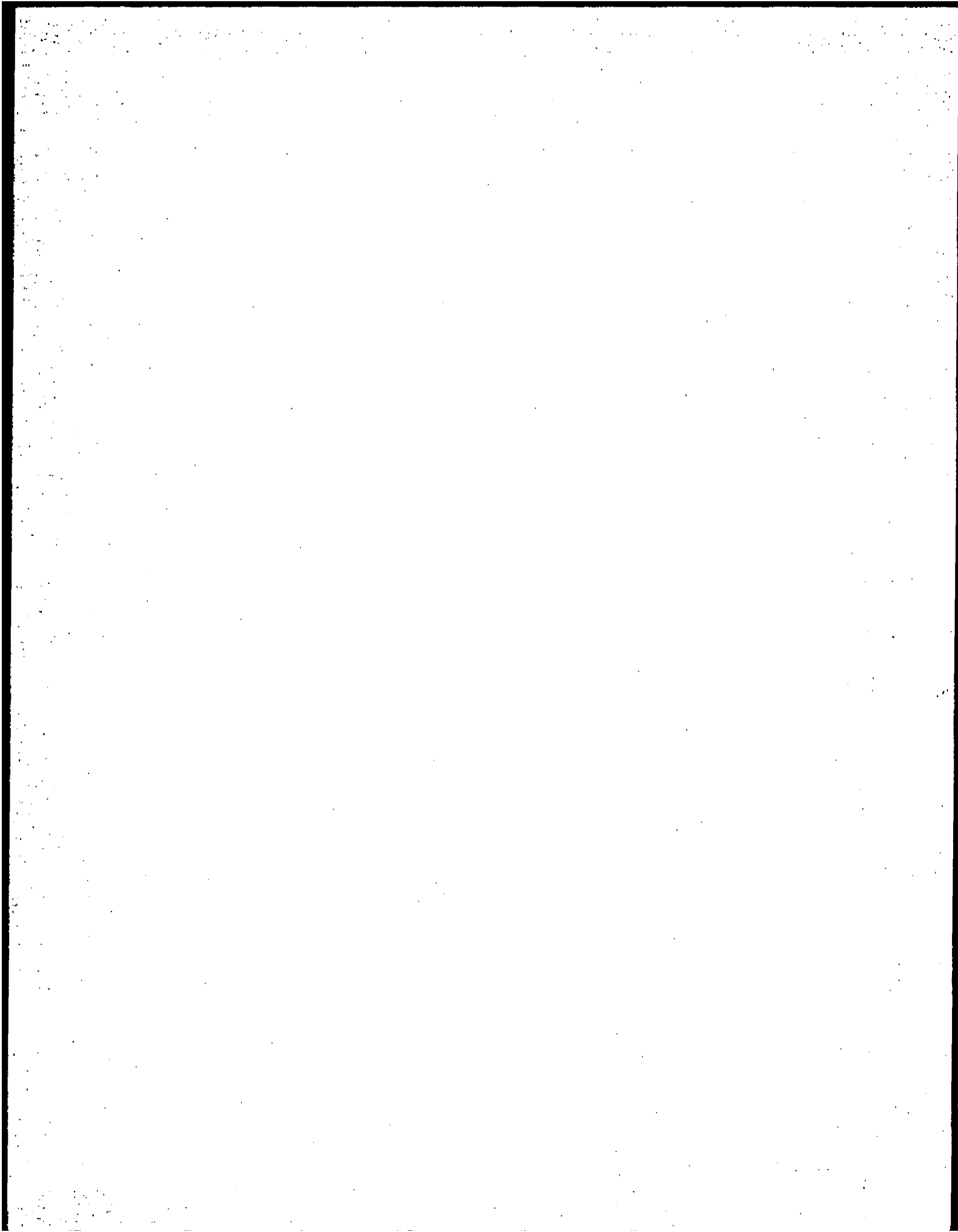
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## Appendix A

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### *Acronyms and Glossary*





NFA	no further action
NFG	national functional guidelines
NMED	New Mexico Environment Department
NOAEL	no observed adverse effect level
OU	operable unit
PAH	polyaromatic hydrocarbon
PCB	polychlorinated biphenyl
PPE	personal protection equipment
PRS	potential release site
PVC	polyvinyl chloride
QA	quality assurance
QC	quality control
RANT	Radioassay and Nondestructive Testing
RCRA	Resource Conservation and Recovery Act
R/D	reference dose
RFI	RCRA facility investigation
RSI	request for supplemental information
SAL	screening action level
SF	slope factor
SOP	standard operating procedure
SOW	statement of work
SVOC	semivolatile organic compound
SWCS	sanitary waste consolidation system
SWMU	solid waste management unit
TA	technical area
TAL	target analyte list
TCLP	toxicity characteristic leaching procedure
TPH	total petroleum hydrocarbons
TPU	total propagated uncertainty
VCA	voluntary corrective action
VOC	volatile organic compound



## A-2.0 GLOSSARY

**alluvium.** Clay, silt, sand, and gravel transported by water and deposited on streambeds, flood plains, and alluvial fans.

**analyte.** The element, nuclide, or ion a *chemical analysis* seeks to identify and/or quantify; the *chemical* constituent of interest.

**background level.** Naturally occurring concentrations (levels) of an inorganic chemical and naturally occurring radionuclides in soil, sediment, and tuff.

**chemical of potential concern (COPC).** A chemical, detected at a site, that has the potential to adversely affect human receptors due to its concentration, distribution, and mechanism of toxicity. A COPC remains a concern until exposure pathways and receptors are evaluated in a site-specific human health risk assessment.

**chemical of potential ecological concern (COPEC).** A *chemical*, detected at a site, that has the potential to adversely affect ecological *receptors* due to its concentration, distribution, and mechanism of toxicity.

**cleanup level.** Media-specific contaminant concentration level that must be met by a selected corrective action. Cleanup levels are established by using criteria such as protection of human health and the environment; compliance with regulatory requirements; reduction of toxicity, mobility, or volume through treatment; long- and short-term effectiveness; implementability; cost; and public acceptance.

**cold vapor atomic absorption (CVAA).** An analytical technique used for measuring mercury; it is described in EPA Methods 7470A (Mercury in Liquid Waste) and 7471A (Mercury in Solid or Semisolid Waste). The technique is based on the absorption of radiation at 253.7-nm by mercury vapor. The mercury is reduced to the elemental state and aerated from solution in a closed system. The mercury vapor passes through a cell positioned in the light path of an atomic absorption spectrophotometer. Absorbance (peak height) is measured as a function of mercury concentration.

**contaminant.** Any *chemical* (including *radionuclides*) present in environmental *media* or on structural debris.

**contract-required detection limit (CRDL).** The minimum reporting limits required under a contract between Los Alamos National Laboratory and a contract laboratory. The CRDLs are not necessarily intrinsically tied to instrument sensitivity but rather are reporting limits.

**detect.** Sample result above the method detection level reported by the laboratory. The laboratory reports the concentration of the analyte in the sample.

**detection limit.** Minimum concentration that can be determined by a single measurement by an instrument; implies a specified statistical confidence that the analytical concentration is greater than zero.

**estimated quantitation limit (EQL).** The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine analytical-laboratory operating conditions. The low point on a calibration curve should reflect this quantitation limit. The EQL is not used to establish detection status. Sample estimated quantitation limits are highly matrix-dependent, and the specified

estimated quantitation limits might not always be achievable. See the statement of work (SOW) for analytical services (RFP No. 9-XS1-Q4257) for a more complete definition.

**half-life.** The time required for one-half of the radioactive atoms initially present in a sample to decay. Each radionuclide has a characteristic half-life ranging from a fraction of a second to thousands of years.

**hazard index (HI).** The sum of *hazard quotients* for multiple *contaminants* to which a *receptor (j)* is determined to be exposed, i.e.,  $HI_j = \sum_i HQ_{ij}$ .

**hazard quotient (HQ).** The ratio of a calculated exposure (E) to or dose (D) from a given *contaminant (i)* to a given *receptor (j)* over a reference value (TRV) for *contaminant (i)* determined to be protective of *receptor (j)*, i.e.,  $HQ_{ij} = E_j$  [or  $D_{ij}$ ]/ $TRV_{ij}$ .

**hazardous waste.** Any *solid waste* is generally a hazardous waste if it

- is not excluded from regulation as a hazardous waste,
- is listed in the regulations as a hazardous waste,
- exhibits any of the defined characteristics of hazardous waste (ignitability, corrosivity, reactivity, or toxicity), or
- is a mixture of *solid waste* and hazardous waste.

See 40 CFR 261.3 for a complete definition of hazardous waste.

**holding time.** The maximum elapse of time that one can expect to store a sample without unacceptable changes in analyte concentrations. Holding times apply under prescribed conditions and deviations from these conditions may affect the holding time. Extraction holding time refers to the time lapse from sample collection to sample preparation; analytical holding time refers to the time lapse between sample preparation and analysis.

**hydraulic conductivity.** The rate at which water moves through a medium in a unit of time under a unit hydraulic gradient through a unit area measured perpendicular to the direction of flow.

**inductively coupled plasma emission spectroscopy (ICPES).** ICPES determines trace elements, including metals, in solutions. The instrument measures characteristic emission spectra by optical spectrometry. Samples are nebulized; and the resulting aerosol is transported to the plasma torch. Element-specific emission spectra are produced by a radio-frequency inductively coupled plasma. The spectra are dispersed by a grating spectrometer, and photosensitive devices are used to monitor the intensities of the emission lines.

**industrial-use scenario.** Industrial use is the scenario in which current Laboratory operations continue. Any necessary remediation involves cleanup to standards designed to ensure a safe and healthy work environment for Laboratory workers.

**laboratory control sample (LCS).** A known matrix that has been spiked with compounds representative of the target analytes. The LCS is used to document laboratory performance. The acceptance criteria for LCSs are method specific.

**laboratory qualifier (or laboratory flag).** Codes applied to the data by the contract analytical laboratory to indicate, on a gross scale, a verifiable or potential data deficiency. These flags are applied using the *Environmental protection Agency (EPA)* contract laboratory program (CLP) guidelines.

**matrix.** Relatively fine material in which coarser fragments or crystals are embedded; also called "ground mass" in the case of igneous rocks.

**method blank.** An analyte-free matrix to which all reagents are added in the same volumes or proportions as those used in the environmental sample processing and which is prepared and analyzed in the same manner as the corresponding environmental samples. The method blank is used to assess the potential for contamination to the sample during preparation and analysis.

**migration.** The movement of inorganic and organic species through unsaturated or saturated materials.

**operable unit (OU).** At the Laboratory, one of 24 areas originally established for administering the ER Project. Set up as groups of potential release sites, the OUs were aggregated based on geographic proximity for the purpose of planning and conducting RCRA facility assessments and RCRA facility investigations. As the project matured, it became apparent that 24 were too many to allow efficient communication and to ensure consistency in approach. Therefore, in 1994, the 24 OUs were reduced to 6 administrative "field units."

**perched groundwater.** *Groundwater* that lies above the regional *water table* and is separated from it by one or more *unsaturated zones*.

**polychlorinated biphenyl (PCB).** Any chemical substance that is limited to the biphenyl molecule that has been chlorinated to varying degrees or any combination of substances which contains such substances. PCBs are colorless, odorless compounds that are chemically, electrically, and thermally stable and have proven to be toxic to both humans and animals.

**potential release site (PRS).** Refers to potentially contaminated sites at the Laboratory that are identified either as solid waste management units (SWMUs) or areas of concern (AOCs). PRS refers to SWMUs and AOCs collectively.

**quality assurance (QA).** All those planned and systematic actions necessary to provide adequate confidence that a facility, structure, system, or component will perform satisfactorily in service.

**quality control (QC).** (1) All those actions necessary to control and verify the features and characteristics of a material, process, product, or service to specified requirements. QC is the process through which actual quality performance is measured and compared with standards. (2) All methods and procedures used to obtain accurate and reliable results from environmental sampling and *analysis*. Includes rules for when, where, and how *samples* are taken; *sample* storage, preservation and *transport*; and the use of *blanks*, *duplicates*, and *split samples* during the *analysis*.

**RCRA facility investigation (RFI).** The investigation that determines if a release has occurred and the nature and extent of the contamination at a hazardous waste facility. The RFI is generally equivalent to the remedial investigation portion of the Comprehensive Environment Response, Compensation, and Liability Act (CERCLA) process.

**receptor.** A person, plant, animal, or geographical location that is exposed to a chemical or physical agent released to the environment by human activities.

**regional aquifer.** Geologic material(s) or unit(s) of regional extent whose saturated portion yields significant quantities of water to wells, contains the regional zone of saturation, and is characterized by the regional water table or potentiometric surface.

**remediation.** The process of reducing the concentration of a *contaminant* (or *contaminants*) in air, water, or soil media to a level that poses an acceptable *risk* to human health and the environment; the act of restoring a contaminated area to a usable condition based on specified standards.

**residential-use scenario.** The standards for residential use are the most stringent of the three current- and future-use scenarios being considered by the ER Project and is the level of cleanup the EPA is currently specifying for SWMUs located off the Laboratory site and for those released for non-Laboratory use.

**Resource Conservation and Recovery Act (RCRA).** The Solid Waste Disposal Act as amended by the Resource Conservation and Recovery Act of 1976 (40 CFR 270.2).

**risk.** A measure of a negative or undesirable impact associated with an event.

**screening assessment.** A process designed to determine whether contamination detected in a particular medium at a site may present a potentially unacceptable human-health and /or ecological risk. The assessment utilizes screening levels that are either human-health or ecologically based concentrations derived by using chemical-specific toxicity information and standardized exposure assumptions below which no additional actions are generally warranted.

**site conceptual model.** A qualitative or quantitative description of sources of contamination, environmental transport pathways for contamination, and biota that may be impacted by contamination (called receptors) and whose relationships describe qualitatively or quantitatively the release of contamination from the sources, the movement of contamination along the pathways to the exposure points, and the uptake of contaminant by the receptors.

**target analyte.** An element, *chemical*, or parameter, the concentration, mass, or magnitude of which is designed to be quantified by use of a particular test method.

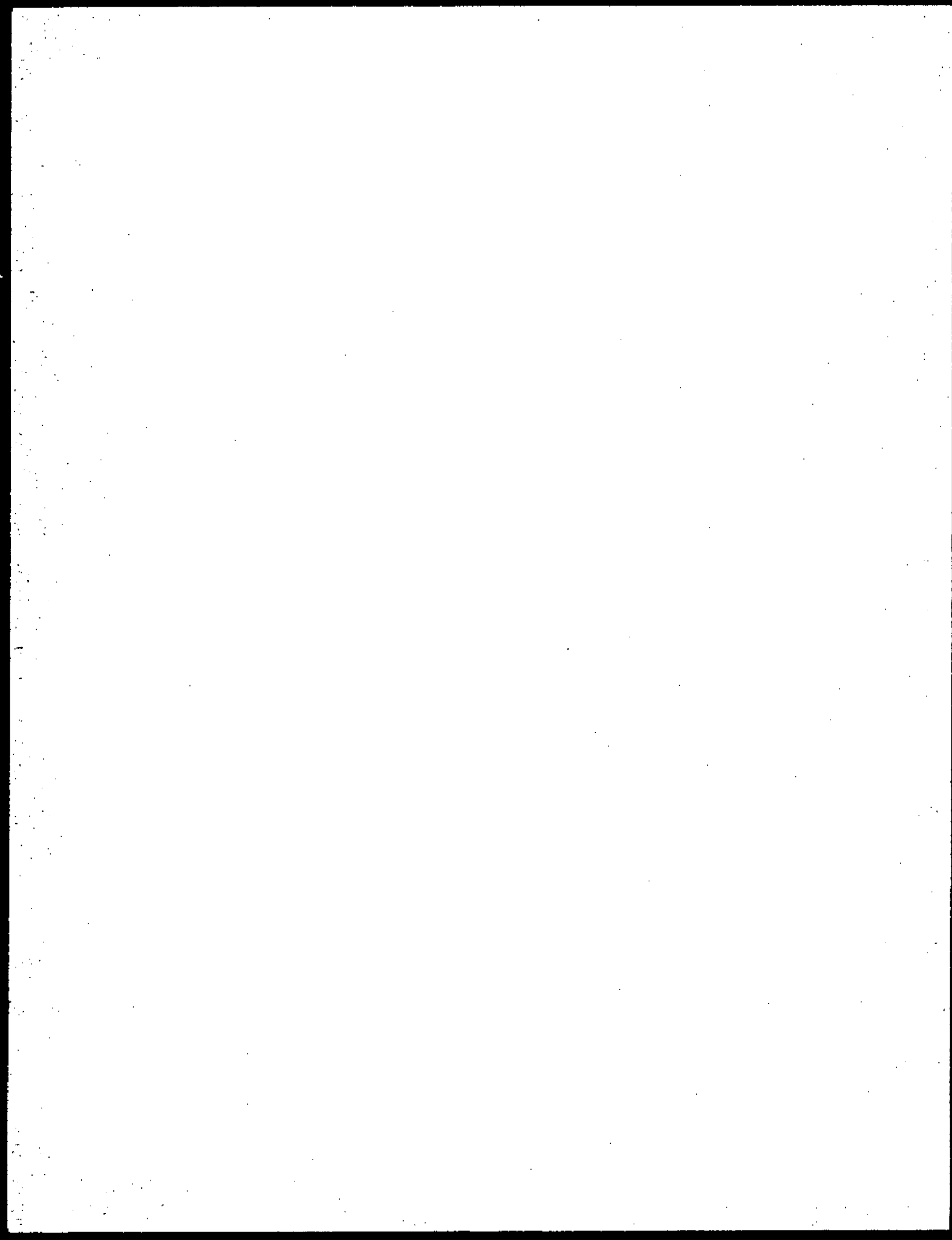
**technical area (TA).** The Laboratory established technical areas as administrative units for all its operations. There are currently 49 active TAs spread over 43 square miles.

**vadose zone.** The unsaturated zone. Portion of the subsurface above the regional water table in which pores are not fully saturated.

## A-3.0 METRIC TO ENGLISH CONVERSION TABLE

Metric to English Conversions

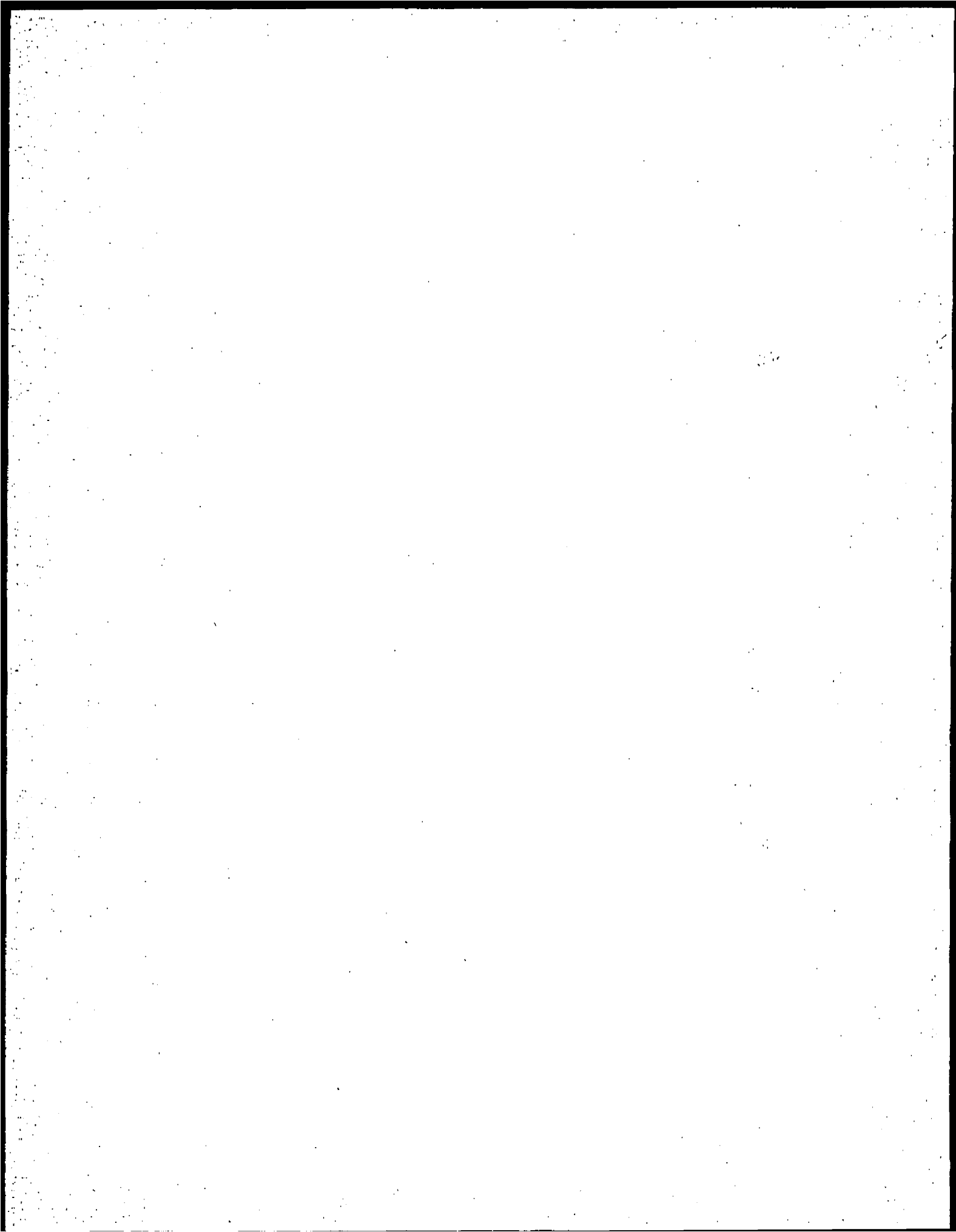
Multiply SI (Metric) Unit	by	To Obtain US Customary Unit
kilometers (km)	0.622	miles (mi)
kilometers (km)	3281	feet (ft)
meters (m)	3.281	feet (ft)
meters (m)	39.37	inches (in.)
centimeters (cm)	0.03281	feet (ft)
centimeters (cm)	0.394	inches (in.)
millimeters (mm)	0.0394	inches (in.)
micrometers or microns ( $\mu\text{m}$ )	0.0000394	inches (in.)
square kilometers ( $\text{km}^2$ )	0.3861	square miles ( $\text{mi}^2$ )
hectares (ha)	2.5	acres
square meters ( $\text{m}^2$ )	10.764	square feet ( $\text{ft}^2$ )
cubic meters ( $\text{m}^3$ )	35.31	cubic feet ( $\text{ft}^3$ )
kilograms (kg)	2.2046	pounds (lb)
grams (g)	0.0353	ounces (oz)
grams per cubic centimeter ( $\text{g/cm}^3$ )	62.422	pounds per cubic foot ( $\text{lb/ft}^3$ )
milligrams per kilogram ( $\text{mg/kg}$ )	1	parts per million (ppm)
micrograms per gram ( $\mu\text{g/g}$ )	1	parts per million (ppm)
liters (L)	0.26	gallons (gal.)
milligrams per liter ( $\text{mg/L}$ )	1	parts per million (ppm)
degrees Celsius ( $^{\circ}\text{C}$ )	$9/5 + 32$	degrees Fahrenheit ( $^{\circ}\text{F}$ )



## Appendix B

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### *Operational and Environmental Setting*





## B-1.0 OPERATIONAL HISTORY AND LAND USE

Technical Area (TA) 54 is located in the east-central portion of the Los Alamos National Laboratory (Laboratory) (Figure 1.0-1 of this document) on Mesita del Buey between Pajarito Canyon (south) and Cañada del Buey (north). During the late 1950s, the Laboratory, with the approval of the US Atomic Energy Commission and upon recommendation of the US Geological Survey, selected TA-54 for disposal of Laboratory-derived waste. Since that time, the site has functioned as a major storage and disposal facility with some permitted treatment of Laboratory-derived wastes. There are four material disposal areas (MDAs) at TA-54, which have been used to store and/or dispose of solid, sensitive (classified), hazardous, radioactive, or mixed waste generated at the Laboratory.

MDA G, the first disposal area, accepted its first shipment of radioactive waste in 1957 and is still in operation. The US Department of Energy (DOE) authorized MDA G for the disposal of low-level and transuranic (TRU) radioactive waste and certain radioactively contaminated infectious waste, asbestos-contaminated material, and polychlorinated biphenyls and for the temporary placement of TRU waste. The New Mexico Environment Department (NMED) issued a permit for the site for the storage of mixed waste. MDA L opened during the late 1950s for the disposal of liquid chemical waste; it is operating as a storage facility permitted by the Resource Conservation and Recovery Act (RCRA). MDA H opened in 1960 and was used for the disposal of classified, noncontainerized, solid wastes, some of which were residually contaminated with radioactive, hazardous, and high-explosive constituents. MDA H is no longer operational but has not undergone formal closure. Finally, MDA J has been used since 1961 for the disposal of administratively controlled solid wastes and for the storage and disposal of special wastes. MDA J will be closed during fiscal year 2001 as a solid waste and special waste facility in accordance with New Mexico Solid Waste Management Regulations, 20 NMAC 9.1, Subpart V. A closure plan has been submitted (Plum 1999, 63136). Rogers (1977, 5707 and 5708) and Chapter 2 of the RCRA facility investigation (RFI) work plan (LANL 1992, 7669) describe the TA-54 area and document the uses of the MDAs. The performance assessment and composite analysis report (Hollis et al. 1997, 63131) and the safety analysis report (LANL 1995, 63300) present additional information on MDA G.

## B-2.0 CLIMATE

Mesita del Buey has a semiarid, temperate mountain climate (Bowen 1990, 6899). Average annual precipitation at a weather station at MDA G is approximately 14 in. (35.6 cm); about 40% of this occurs as brief, intense thunderstorms during July and August. Snowfall is greatest from December through March; heavy snowfall is infrequent during other months. Surface water runoff can occur during summer thunderstorms, frontal storms, and snowmelt periods, but most runoff and resultant erosion probably occurs during the summer thunderstorm period. The canyon-mesa topography at TA-54 affects wind speed and direction in a dramatic way, as indicated by measurements taken at meteorological stations on Mesita del Buey and within Cañada del Buey and Pajarito Canyon. Mesa-top winds flow predominately south to southwest during the day. Canyon winds are strongly channeled; they flow predominately up canyon (north-northwest) during the day and down canyon (south-southeast) and across the mesa (east) at night. The strongest winds typically occur in the spring. Summer afternoon temperatures generally range between 70°F and 90°F, and typical winter temperatures range between 30°F and 50°F during the day and 15°F and 25°F at night.

## B-3.0 GEOLOGY

Mesita del Buey is relatively flat and narrow, with steep sides draining into Cañada del Buey to the north and Pajarito Canyon to the south. The north-facing slope of the mesa has a gentler gradient than the

south-facing slope. The south-facing slope of Mesita del Buey is almost vertical near the rim and becomes more gently sloped toward the canyon floor approximately 100 ft (30 m) below.

### B-3.1 Stratigraphy

In the following discussions of Bandelier Tuff, the term *welding* is used to differentiate between tuffs that are uncompacted and porous (nonwelded) and those that are more compacted and dense (welded). In the field, the degree of welding in tuff is quantified by the degree of flattening of pumice fragments (a higher degree of flattening and elongation equals a higher degree of welding). Petrographically, welded tuffs show adhesion (welding) of grains while nonwelded tuffs do not. The term *devitrified* is applied to tuff whose volcanic glass has crystallized.

The Tshirege Member of the Bandelier Tuff is a compound cooling unit that resulted from several successive ash-flow deposits separated by periods of inactivity, which allowed for partial cooling of each unit. Properties related to water flow and contaminant migration (e.g., density, porosity, degree of welding, fracture content, and mineralogy) vary both vertically and laterally as a result of localized emplacement temperature, thickness, gas content, and composition. Figure B-3.1-1 shows the generalized stratigraphy of the area.

#### Tshirege Member Unit 2 of the Bandelier Tuff

Unit 2 of the Tshirege Member of the Bandelier Tuff is competent, resistant caprock that forms the surface of Mesita del Buey. Its thickness varies from 35 ft (10.7 m) near MDA H to 45 ft to 50 ft (13.7 m to 15.2 m) near MDA L to 39 ft (11.9 m) near MDA G. Where it is exposed, unit 2 forms nearly vertical cliffs on the sides of the mesa. The rock is described as a moderately welded ash-flow tuff composed of crystal-rich, devitrified pumice fragments in a matrix of ash, shards, and phenocrysts (primarily potassium feldspar and quartz).

Unit 2 is extensively fractured as a consequence of contraction during postdepositional cooling. The cooling-joint fractures are visible on mesa edges and on the walls of pits. In general, the fractures dissipate at the bottom of unit 2. On average, fractures in unit 2 are nearly vertical. Mean spacing between fractures ranges between 1.9 ft and 2.6 ft (0.6 m and 0.8 m), and fracture width ranges between less than 0.03 in. and 0.51 in. (1 mm and 13 mm) with a median of 0.12 in. (3 mm). Fractures typically are filled with clays to a depth of about 9.9 ft (3 m); smectites are the dominant clay minerals present. Smectites are known for their tendency to swell when water is present and for their ability to strongly bind certain elements; both characteristics have implications for transport of radionuclides in fractures. Opal and calcite can occur throughout the fractured length, usually in the presence of tree and plant roots (live and decomposed); the presence of both the minerals and the roots suggests some water at depth in fractures.

At the base of unit 2 is a series of thin, less than 3.9-in.-thick (10-cm-thick), discontinuous, crystal-rich, fine- to coarse-grained surge deposits. Bedding structures are often observed in these deposits. The surge beds mark the base of unit 2.

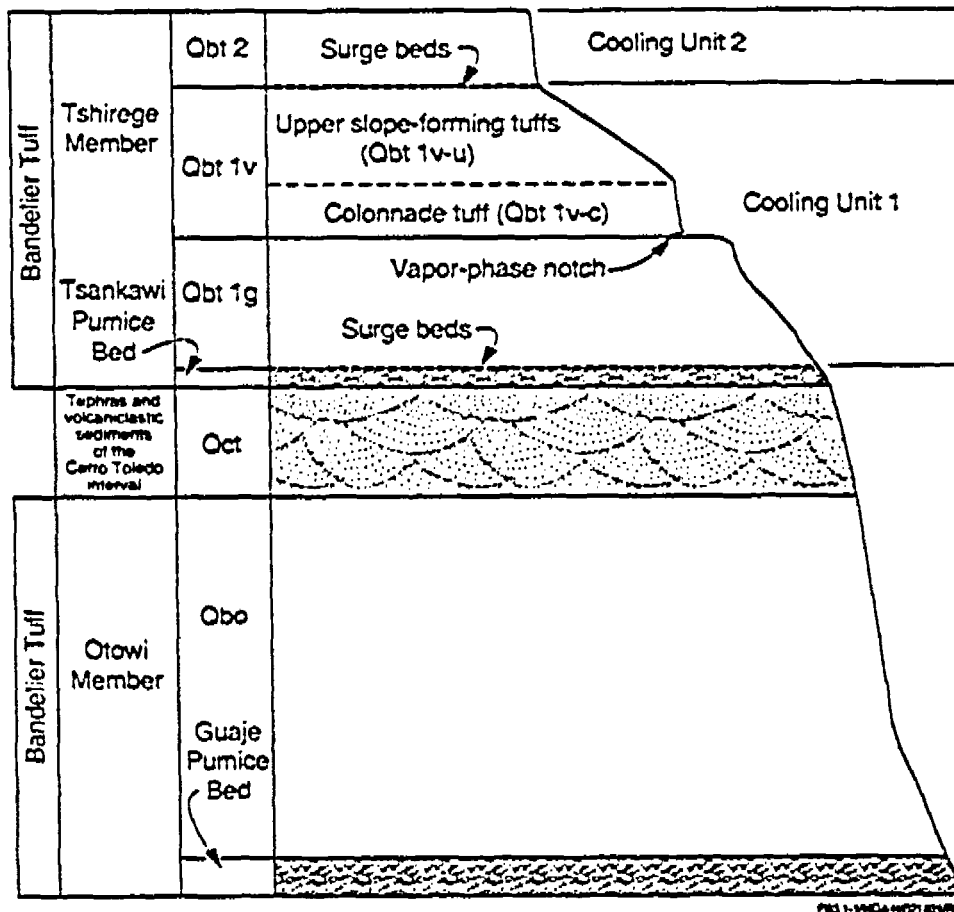


Figure B-3.1-1. Generalized stratigraphy of TA-54

#### Tshirege Member Unit 1v of the Bandelier Tuff

Tshirege Member unit 1v is a vapor-phase-altered cooling unit underlying unit 2. This unit forms sloping outcrops, which contrast with the near-vertical cliffs of unit 2. Unit 1v is further subdivided into units 1vu and 1vc.

**Unit 1vu.** The uppermost portion of unit 1v is devitrified and vapor-phase-altered ash-fall and ash-flow tuff and has been designated unit 1vu, where u signifies upper. It is about 90 ft (27.4 m) thick near MDA H and thins to the east to about 46 ft (14 m) near MDA G. Unit 1vu is unconsolidated at its base and becomes moderately welded nearer the overlying unit 2. Only the more prominent cooling fractures originating in unit 2 continue into the more welded upper section of unit 1vu but die out in the less-consolidated lower section. More typically, fractures in unit 2 do not extend into unit 1vu.

**Unit 1vc.** Beneath unit 1vu is unit 1vc, where c stands for colonnade, named for the columnar jointing visible in cliffs formed from this unit. Unit 1vc is a poorly welded, devitrified ash-flow tuff at its base and top that becomes more welded in its interior. Unit 1vc is 23 ft to 26 ft (7 m to 8 m) thick in the eastern reaches of Mesita del Buey and 49 ft (15 m) thick in the western reaches.

### **Tshirege Member Unit 1g of the Bandelier Tuff**

The basal contact of unit 1vc is marked by a rapid change (within 0.7 ft [0.2 m] vertical) from devitrified (crystallized) matrix in unit 1vc to vitric (glassy) matrix in the underlying unit 1g. Vitric pumices in unit 1g stand out in relief on weathered outcrops, while devitrified pumices above this interval are weathered out. In outcrop, this devitrification interval forms a prominent erosional recess termed the *vapor-phase notch*. No depositional break is associated with the vapor-phase notch; the abrupt transition suggests that this feature is the base of the devitrification that occurred in the hot interior of the cooling ash-flow sheet after emplacement.

Unit 1g is a vitric, pumiceous, nonwelded ash-flow tuff. It is about 150 ft (45.7 m) thick beneath MDA H and about 49 ft (15 m) thick beneath MDA G. Borehole 54-1023 at MDA H penetrated this unit. Few fractures are observed in the visible outcrops of this unit, and weathered cliff faces have a distinctive Swiss-cheese appearance because of the softness of the tuff. The uppermost 5 ft to 20 ft (1.5 m to 6.1 m) of unit 1g are iron-stained and slightly welded. This portion of unit 1g is resistant to erosion, helping to preserve the vapor-phase notch in outcrop. A distinctive pumice-poor surge deposit forms the base of unit 1g.

### **Tshirege Member of the Bandelier Tuff, Tsankawi Pumice Bed**

The Tsankawi Pumice Bed is the basal air-fall deposit of the Tshirege Member of the Bandelier Tuff. It is a thin bed of gravel-sized vitric pumice. It is about 3 ft (1 m) thick in the vicinity of MDA L and about 2 ft (0.6 m) thick at the eastern terminus.

### **Cerro Toledo Interval**

The Cerro Toledo interval consists of thin beds of tuffaceous sandstones, paleosols, siltstones, ash, and pumice falls; the interval separates the Tshirege and Otowi Members of the Bandelier Tuff. The Cerro Toledo interval also includes localized gravel- and cobble-rich fluvial deposits predominantly derived from intermediate composition lavas eroded from the Jemez Mountains west of the Pajarito Plateau. The interval thins to 20 ft (6.1 m) at the eastern portion of MDA G. Borehole 54-1023 at MDA H penetrated this unit.

### **Otowi Member of the Bandelier Tuff**

The Otowi Member tuffs are about 98 ft (30 m) thick in the northwestern portion of Mesita del Buey and become thinner toward MDA G. The tuffs are a massive, nonwelded, pumice-rich, and mostly vitric ash flow. The pumices are fully inflated, supporting tubular structures that have not collapsed as a result of welding. The matrix is an unsorted mix of glass shards, phenocrysts, perlite clasts, and minute, broken pumice fragments.

### **Otowi Member of the Bandelier Tuff, Guaje Pumice Bed**

The Guaje Pumice Bed is the basal air-fall deposit of the Otowi Member of the Bandelier Tuff. The thickness of the unit has been measured as 10 ft (3 m) in the northwestern reaches of Mesita del Buey and as 12 ft (3.7 m) in Pajarito Canyon south of MDA G. It has not been penetrated by drilling at the eastern part of the mesa. The pumice bed is nonwelded but brittle. Pumice tubes are partially filled with silica cement.

## **Cerros del Río Basalts**

Few data exist to describe the Cerros del Río basalts directly beneath TA-54. Local borehole cores at MDA L show that the basalts consist of both angular rubble and dense, fractured masses, with zones of moderately to very porous lavas. Based on the borehole data at MDA L, it is inferred that the Cerros del Río basalts exist beneath Mesita del Buey. The thickness of the basalt beneath TA-54 is extrapolated to be between 262 ft (79.9 m) and 492 ft (150 m).

## **Puye Formation**

The depth to and thickness of the Puye Formation beneath TA-54 has not been determined. However, 1750 ft (533 m) of Puye Formation sedimentary rocks were encountered beneath 82 ft (24 m) of basalt in a water-supply well in Pajarito Canyon about 0.9 mi (1.5 km) west of Mesita del Buey. The lower part of the Puye Formation hosts the regional aquifer beneath Mesita del Buey.

## **B-3.2 Geochemistry**

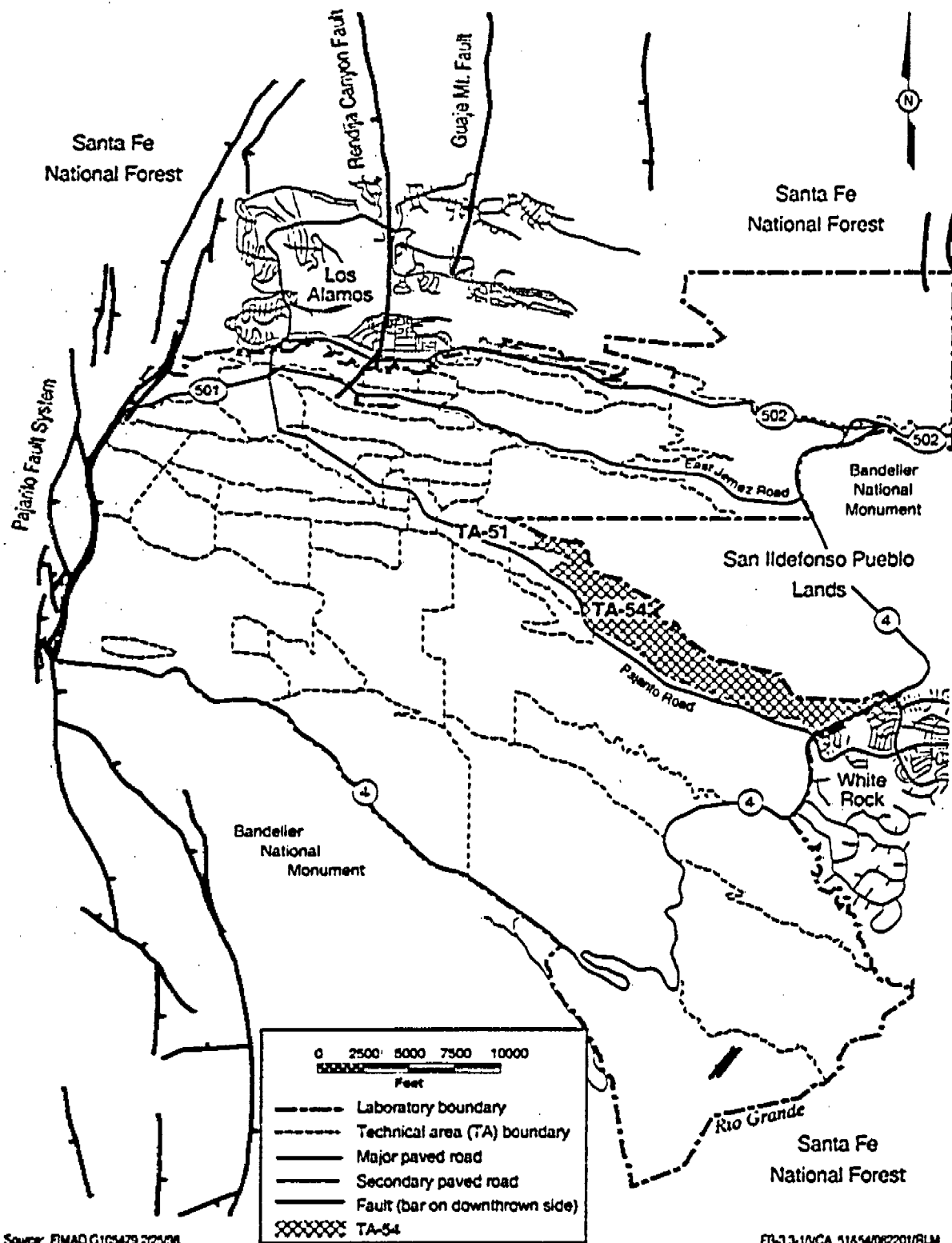
Certain minerals present in Bandelier Tuff are important in terms of sorption of chemical species from water. Among them are alkali feldspar and a combination of three silica polymorphs (i.e., quartz, cristoballite, and tridymite). These minerals are found throughout the thickness of the Bandelier Tuff, and their absolute abundance throughout the tuff can have a significant effect on the retardation of several constituents in the TA-54 MDA inventories. Less important in terms of transport are organic materials, which can react with certain constituents to form relatively mobile compounds. The organic content of geologic materials on the Pajarito Plateau mesas is typically less than 1 wt %. However, the fractures can contain higher organic concentrations than the tuff matrix.

In addition to the minerals found in the tuff matrix, clay minerals are found in abundance in fractures and interbeds in the Bandelier Tuff. The primary clay minerals are smectites, with lesser amounts of kaolinite. The clay minerals have high sorptive capacity for many TA-54 inventory constituents. Hematite (i.e., iron oxide) coatings are also found but with less frequency than clay coatings. Hematite has a very large surface area for binding certain metals and therefore also is important when transport in fractures is considered.

Clay, iron oxide, carbonate minerals, and solid organic matter are known to be present in ancient, buried soils (paleosols) found elsewhere across the Laboratory. In particular, the Cerro Toledo interval, Guaje Pumice Bed, and Puye Formation are known to have buried soils. The occurrence of clay-rich horizons in the subsurface is not known beneath TA-54; however, they may be important (e.g., the Cerro Toledo interval commonly contains paleosol horizons). Vertical water flow may be inhibited and lateral flow enhanced by clay layers; clay has a low permeability. Furthermore, certain inventory constituents would be sorbed onto or complexed with the soil minerals and organic matter present in such zones. Because of these potentially important effects, field and laboratory investigations are underway to identify and characterize clay-rich soil horizons beneath Mesita del Buey.

## **B-3.3 Seismology**

Three major faults are considered significant with respect to seismic potential across the Laboratory complex: the Pajarito, the Guaje Mountain, and the Rendija Canyon faults. The locations of these faults with respect to TA-54 are shown in Figure B-3.3-1.



Source: FINAD G105479 223/08

FB-33-1/VCA\_51654/082201/RLM

Figure B-3.3-1. Locations of major faults in Laboratory complex

900 • 701.3117 • 3.0

900 • 701.3117 • 3.0

900 • 701.3117 • 3.0

900 • 701.3117 • 3.0

- 900 • 701.3117 • 3.0

900 • 701.3117 • 3.0

900 • 701.3117 • 3.0

900 • 701.3117 • 3.0

Restoration (ER) Project installation work plan (LANL 1995, 49822). The soils on the mesa top at TA-54 were mapped by Nyhan et al. (1978, 5702).

## B-4.0 HYDROLOGY

The hydrogeology of the Pajarito Plateau is generally separable in terms of mesas and canyons forming the plateau. Mesas are generally devoid of water, both on the surface and within the rock forming the mesa. Canyons range from wet to relatively dry; the wettest canyons contain continuous streams and contain perennial groundwater in the canyon-bottom alluvium. Dry canyons have only occasional stream flow and may lack alluvial groundwater. Intermediate perched groundwater has been found at certain locations on the plateau at depths ranging between 100 ft and 400 ft (30 m and 122 m). The regional aquifer is found at depths of about 600 ft to 1200 ft (180 m and 360 m).

### B-4.1 Hydrogeologic Conceptual Model

The hydrogeologic model (Figure B-4.1-1) shows that relatively small volumes of water move beneath mesa tops under natural conditions; this is because of low rainfall, high evaporation, and efficient water use by vegetation. Atmospheric evaporation may extend deeper into mesas, further inhibiting downward flow.

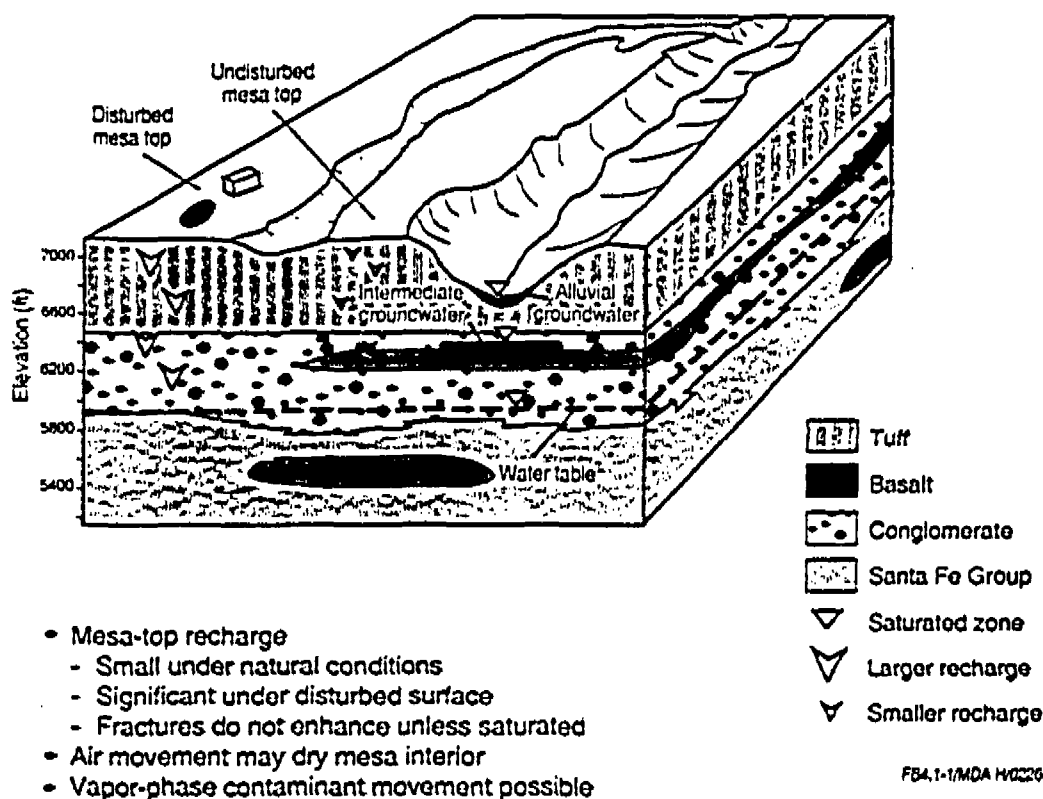


Figure B-4.1-1. Hydrogeologic conceptual model for mesas



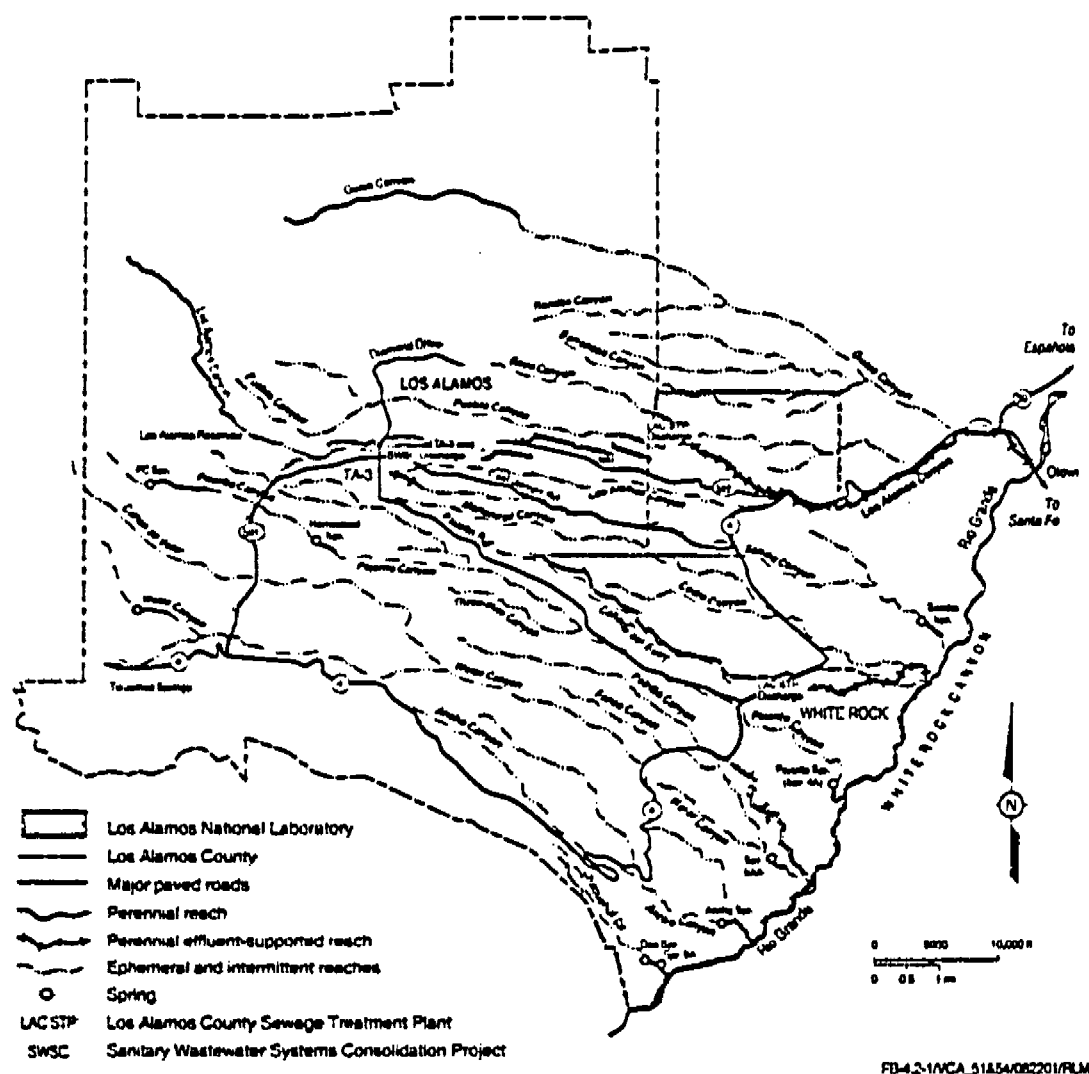
The amount of mesa-top recharge along the western portion of the Laboratory is uncertain. Higher rainfall, increased vegetative cover, and increased welding and jointing of the tuff might lead to different recharge rates than those observed in better-studied portions of the Laboratory. Mesa-top recharge can be locally significant under disturbed surface conditions. Such change occurs when the soil is compacted, when the vegetation is disturbed, or when more water is artificially added to the hydrologic system by features such as blacktop, lagoons, or effluent disposal. Fractures within mesas do not enhance the movement of dissolved contaminants unless saturated conditions develop. Contaminants in vapor form readily migrate through mesas. Vapors denser than air will sink.

#### B-4.2 Surface Water

The Rio Grande is the major stream in north-central New Mexico. All surface water drainage and groundwater discharge from the Pajarito Plateau ultimately arrive at the Rio Grande. The Rio Grande at Otowi, just east of Los Alamos, has a drainage area of 14,300 mi<sup>2</sup> (37,180 km<sup>2</sup>) in southern Colorado and northern New Mexico. The discharge for the period of record (1890–1985) has ranged between a minimum of 6980 ft<sup>3</sup> per second (1.7 m<sup>3</sup> per second) in 1902 and 24,400 ft<sup>3</sup> per second (690.8 m<sup>3</sup> per second) in 1920. The river transports about 1 million tons (910,000 metric tons) of suspended sediments past Otowi annually (Graf 1993, 23251). Essentially all Rio Grande flow passes through Cochiti Reservoir (downstream of the Laboratory), which began filling in 1976. The dam is expected to trap at least 90% of the sediments carried by the river (Graf 1993, 23251).

Figure B-4.2-1 shows the locations of the major surface water drainages in the Los Alamos area. Included in Figure B-4.2-1 are the ephemeral, intermittent, and perennial reaches of surface waters; the major wastewater effluent-created reaches; and springs. Naturally perennial surface water reaches are located in Ancho, Pajarito, and Chaquehui Canyons. Within Laboratory boundaries, perennial reaches in the lower portions of Ancho Canyon and Chaquehui Canyon are close enough to the Rio Grande that they extend to the river without being depleted. In Pajarito Canyon, about 1 mi (1.6 km) east of State Road 501, a spring (sometimes called Homestead Spring) feeds a perennial reach a few hundred yards long, followed by an intermittent reach that flows varying distances, depending on climate conditions. Another perennial reach in Pajarito Canyon is located west of the Laboratory boundary below PC Spring; it terminates by infiltration into the alluvium (LANL 1998, 59577). Occasionally, during heavy runoff years, Pajarito Canyon sustains flow, which sometimes extends as far as the Rio Grande (LANL 1998, 59577). Essentially all other reaches of canyons (including Cañada del Buey) within the Laboratory's boundaries are ephemeral; that is, they flow in response to precipitation or snowmelt in the immediate locality. Snowmelt recharges the alluvial groundwater, and discharge from springs supports stream flow for a somewhat longer period.

The canyons of 11 drainage areas, with a total area of 82 mi<sup>2</sup> (213.2 km<sup>2</sup>), pass through the Laboratory's eastern boundary. Runoff from heavy thunderstorms and heavy snowmelt reaches the Rio Grande several times a year in some drainages. Los Alamos, Pajarito, and Water Canyons have drainage areas upstream of the east Laboratory boundary that are greater than 10 mi<sup>2</sup> (26 km<sup>2</sup>). Pueblo Canyon has 8 mi<sup>2</sup> (20.8 km<sup>2</sup>), and the rest have less than 5 mi<sup>2</sup> (13 km<sup>2</sup>). Theoretical maximum flood peaks range between 24 ft<sup>3</sup> per second (0.68 m<sup>3</sup> per second) for a 2-yr frequency and 686 ft<sup>3</sup> per second (19.4 m<sup>3</sup> per second) for a 50-yr frequency (McLin 1992, 12014). The overall flooding risk to community and Laboratory buildings is low because nearly all the structures are located on the mesa tops, from which runoff drains rapidly into the deep canyons.



**Figure B-4.2-1. Surface water occurrences at Los Alamos (perennial and effluent-supported reaches from Stoker (1993, 56021))**

There are no streams on Mesita del Buey; water flows only as stormwater and snowmelt runoff on the mesa and in small drainages off the mesa to the north and the south. Stormwater flows at a number of points along the perimeter of TA-54, as identified and characterized in the stormwater pollution prevention plan, which is being prepared for the National Pollutant Discharge Elimination System Permit pursuant to the Clean Water Act. Flooding of the facility, therefore, is not a concern. As a result of runoff, surface erosion occurs, primarily as shallow sheet erosion on the relatively flat parts of the mesa and as channel erosion in major drainages from the mesa top. Runoff from summer storms reaches a maximum in less than 2 hr and lasts less than 24 hr. In contrast, runoff from spring snowmelt occurs over a period of several weeks at a low discharge rate. The amount of eroded material transported in runoff waters is generally higher in summer rainfall events than during snowmelt (Hollis et al. 1997, 63131, p. 2-33).

Mesita del Buey is one of the drier mesas found at the Laboratory. Infiltration beneath the mesa appears to be very low, possibly only 0.04 in./yr (1 mm/yr) and occurs during snowmelts or intense summer

thunderstorms, which leads to slightly higher moisture contents within the uppermost few meters of the mesa surface. During dry periods, evapotranspiration removes moisture from the surface of the mesa; permeable zones such as fractures and surge beds act as conduits for air and aid in the drying of the mesa (Turin and Rosenberg 1996, 63559). Net infiltration during these alternating infiltration episodes and normal drying conditions is difficult to quantify.

At the Laboratory, surface water runoff and sediment transport are among the potential migration pathways by which contaminants might be transported to off-site receptors. Surface water may also access subsurface contaminants exposed by soil erosion. Soil erosion is dependent on several factors, including soil properties, the amount of vegetative cover, the slope of the contaminated area, exposure, the intensity and frequency of precipitation, and seismic activity.

The Laboratory's ER Project has assessed sediment transport and erosion concerns at over 1000 potential release sites (PRSs). The surface water assessment provides a basis for prioritizing and scheduling actions to control erosion of potentially contaminated soils at specific PRSs. The procedure is a two-part evaluation. Part A is a compilation of existing PRS analytical data, site maps, and knowledge-of-process information. Part B is an assessment of the erosion/sediment transport potential at the PRS. Erosion potential is numerically rated from 1 to 100 using a matrix system. PRSs that score below 40 have low erosion potential, those that score from 40 to 60 have medium erosion potential, and those that score above 60 have high erosion potential. Part A of this assessment is initiated and completed by the Laboratory's ER Project; Part B is completed by the Laboratory's Water Quality and Hydrology Group (ESH-18). A Surface Water Assessment Team, composed of representatives from the ER Project, ESH-18, the Laboratory's Facility Management Group (FSS-7), and the NMED DOE Oversight Bureau, evaluates each completed assessment. If necessary, a best management practice or other action is implemented based on the results of the assessment. PRS 54-007(c) has an erosion matrix score of 56.0, indicating erosion potential exists; PRS 54-007(e) has a score of 23.3, indicating erosion potential does not exist.

### B-4.3 Groundwater

Groundwater in the area of the Laboratory occurs as

- shallow alluvial groundwater in canyons,
- perched zones beneath some canyons and along the Jemez Mountains (within the Bandelier Tuff, the Cerros del Rio basalts, and the upper part of the Puye Formation), and
- the regional aquifer.

#### B-4.3.1 Alluvial Waters

The hydrologic characteristics of the canyons bordering Mesita del Buey may influence the hydrology beneath the mesa. To the north, Cañada del Buey contains an intermittent stream. The alluvium is thin; it ranges between 4 ft (1.2 m) and 19 ft (5.7 m), but the underlying weathered tuff ranges in thickness between 12 ft (3.7 m) and 39.6 ft (12 m) (LANL 1999, 64617, p. D-11). Nine observation wells and two moisture-access holes have been installed in Cañada del Buey (CDBO-1 through CDBO-4 in 1985 and CDBO-5 through CDBO-9, CDBM-1, and CDBM-2 in 1992) to detect alluvial water (Figure B-4.3-1). Groundwater has been observed and sampled annually in two of the wells (CDBO-6 and CDBO-7) since their installation (Environmental Protection Group 1994, 45363; Environmental Surveillance Program 1999, 64034); the remaining holes are dry (Purtymun 1995, 45344, pp. 113-114). However, the saturation observed in CDBO-6 and CDBO-7 appears not to be present in the alluvium but rather is perched in the underlying tuff; additional discussion of this groundwater is presented in Section B-4.3.2.

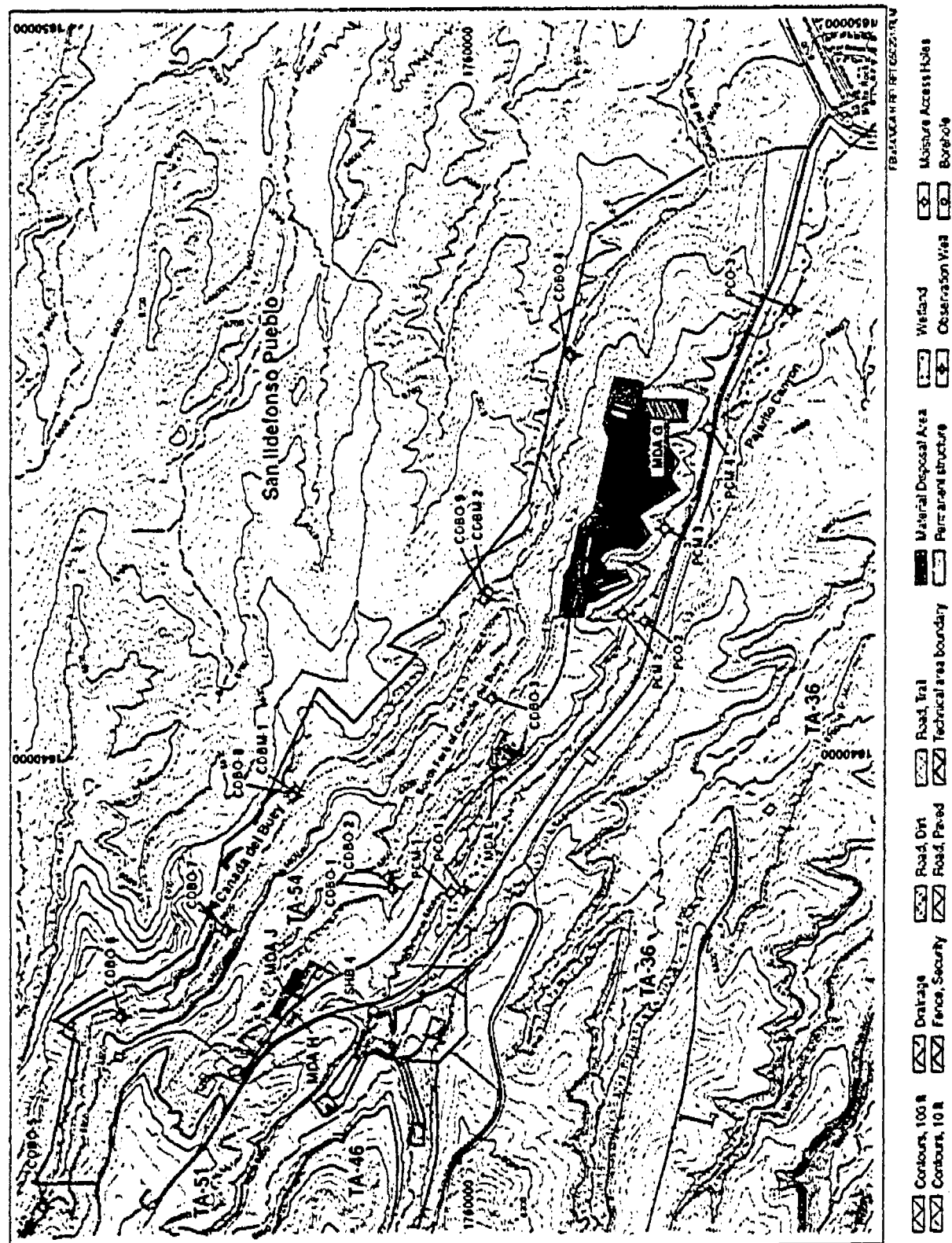


Figure B-4.3-1. Locations of wells and holes for locating alluvial and perched water at TA-54

Pajarito Canyon, to the south, also contains an intermittent stream, but the larger flow in this canyon maintains perennial groundwater in the alluvium. Semipermanent wetlands have developed in borrow pits that were excavated in lower Pajarito Canyon east of TA-18 and south of Mesita del Buey. The wetlands frequently contain ponded water from local stormwater runoff, Laboratory discharges, or streamflow (LANL 1998, 59577, p. 3-37). The surface of the water in the wetlands probably coincides with the alluvial water table (Environmental Restoration Project 1996, 55120, p. 6). Potentially one of the largest volumes of discharge to Pajarito Canyon may be from occasional purging of nearby municipal water supply well PM-2 (Figure B-4.3-2). Some years this well is operated only during the summer months, which requires several days of pumping 1000 gallons per minute (gpm) to 1500 gpm (3800 L/m to 5700 L/m) to clean out the well bore. At times, this may be one of the primary sources of surface water in lower Pajarito Canyon (LANL 1998, 59577, p. 3-37).

In 1985, three observation wells (PCO-1 through PCO-3) were installed in lower Pajarito Canyon east of TA-18 (Figure B-4.3-1). The three wells were drilled and cased in the canyon near the stream channel to outline the geology and provide a monitoring network of the water in the alluvium perched on the underlying tuff. Alluvial water was identified at depths of 1.3 ft (0.4 m) in PCO-1, 6.3 ft (1.9 m) in PCO-2, and 3.1 ft (0.93 m) in PCO-3 (Devaurs and Purtymun 1985, 7415, p. 12).

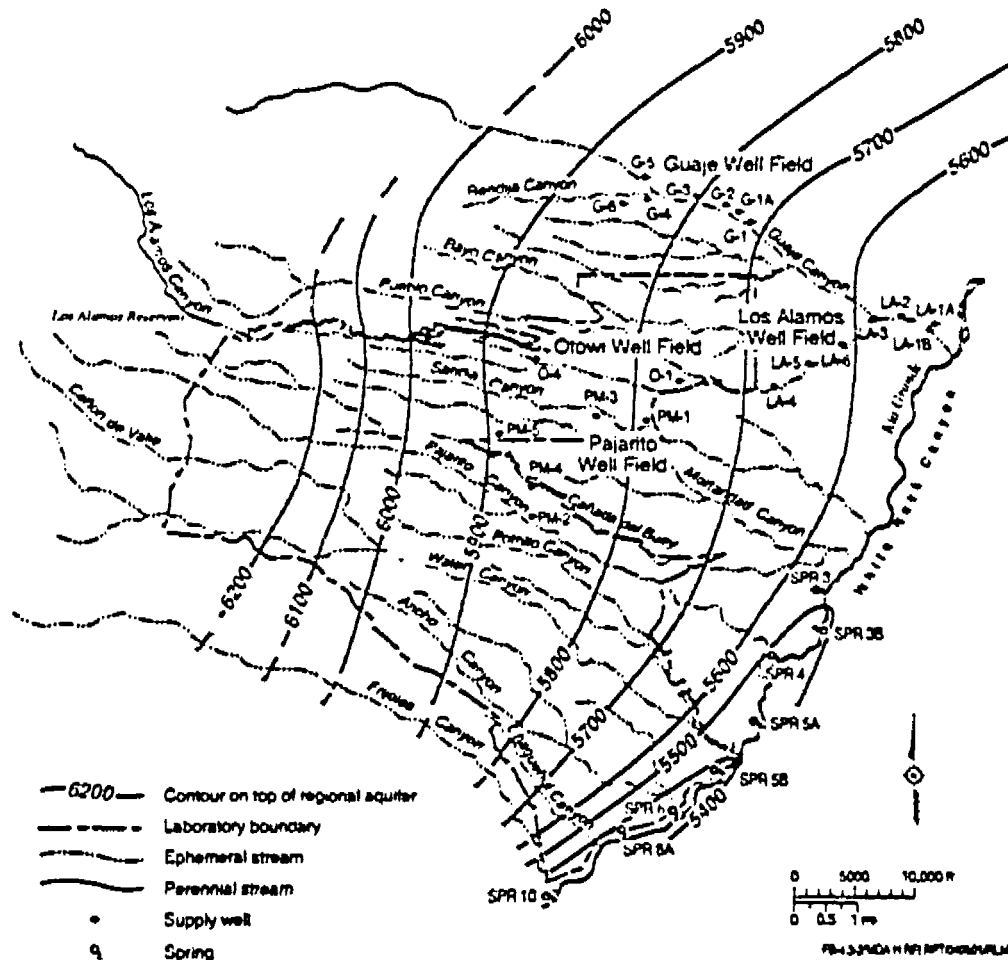


Figure B-4.3-2. Locations of wells and generalized water-level contours on top of the regional aquifer (modified from Purtymun 1984, 6513)

In Cañada del Buey, the infiltration rate estimated for the MDA G performance assessment (Hollis et al. 1997, 63131) using in situ moisture contents and hydrologic properties determined from cores is 0.17 in./yr (0.44 cm/yr). Data are not available to estimate infiltration rates in Pajarito Canyon. However, data are available from Mortandad Canyon, which has similar characteristics. Estimates of infiltration rates in that canyon range between 0.8 in./yr and 4 in./yr (2 cm/yr and 10 cm/yr).

Evapotranspiration data for alluvial groundwater in Pajarito Canyon and Cañada del Buey are not available. However, estimates for nearby watersheds are available for comparison. Some studies for Mortandad Canyon indicate approximately 20% of the input to the stream channel is ultimately lost to evapotranspiration (Purtymun 1974, 5476, p. 7). A study of the Los Alamos Canyon system indicated that approximately 75% to 85% of the total input to the watershed is lost to evapotranspiration (Gray 1997, 58208, p. 68).

#### B-4.3.2 Perched Waters

No perched groundwater has been identified below Mesita del Buey (LANL 1998, 59599). In 1985, four moisture-access holes (PCM-1 through PCM-4) were installed in lower Pajarito Canyon north of the stream channel along the mesa wall to outline the aquifer and to determine whether the aquifer extended beyond the alluvium (Figure B-4.3-1). The moisture-access holes were drilled to depths ranging between 60 ft (18 m) and 100 ft (30 m); all four holes were dry. These holes "document that perched water in Pajarito Canyon, adjacent to Mesita del Buey, is confined to the alluvium in the stream channel and does not extend to the flank of the canyon" (Devaurs and Purtymun 1985, 7415, p. 12).

No perched intermediate zones of saturation have been delineated beneath Pajarito Canyon; however, possible intermediate wet zones have been reported in two boreholes at TA-18. In borehole SHB-4 (Figure B-4.3-1), wet core samples were retrieved from the interval of 125 ft to 145 ft (38 m to 44 m) within the Cerro Toledo interval. RFI borehole 54-1023 at MDA H was drilled into the top of the Cerro Toledo interval but did not encounter saturation within or beneath the mesa. In PM-2 (Figure B-4.3-2), a possible wet zone was reported as "a show of water at 335 ft" (102 m), which may indicate a zone of intermediate perched groundwater (Cooper et al. 1965, 8582, p. 56; Davis et al. 1996, 55446). The pilot hole for this well was drilled using cable tools to a depth of 617 ft (185 m). No other mention of water in the unsaturated zone is found in the descriptive log of drill cuttings for this well (Cooper et al. 1965, 8582, pp. 55-61). Electrical resistivity (geophysical) logs of the borehole at PM-2 did not confirm the presence of water at 335 ft (102 m). The middle of the Otowi Member is present in PM-2 at a depth of 335 ft (102 m); this zone has not previously been observed to contain perched groundwater.

In Cañada del Buey, an isolated 0.5-mi-long (0.8-km-long) segment of saturation has been identified in boreholes CDBO-6 and CDBO-7 (Figure B-4.3-1). The saturation may represent a perched groundwater zone present in the colonnade tuff at the base of unit 1v of the Tshirege Member of the Bandelier Tuff (LANL 1999, 64617, p. 115). When the holes were drilled in 1992, a 10-ft-thick (3-m-thick) perched water zone was encountered from 34 ft to 44 ft (10.3 m to 13.4 m) in CDBO-6, and a 1-ft-thick to 2-ft-thick (0.3-m-thick to 0.6-m-thick) zone of perched groundwater was encountered in CDBO-7 (the depth of the zone was not stated in the drilling information but was probably between 38 ft and 39 ft [11.6 m and 11.9 m]) (Environmental Protection Group 1995, 50285, p. VII-26; Purtymun 1995, 45344, p. 131; LANL 1999, 64617, p. 115). The depth of the alluvium at these two boreholes is 19 ft (5.7 m); the tops of the 10-ft (3-m) screened intervals within the boreholes are located approximately 15 ft (4.6 m) (CDBO-6) and 10 ft (3 m) (CDBO-7) below the base of the overlying alluvium and are within the tuff (LANL 1999, 64617, pp. D-9 and D-11). Since 1992, water levels have ranged between 0 ft (0 m) (dry) and 12 ft (3.7 m) (saturated) in CDBO-6 and between 0 ft (0 m) (dry) and 7 ft (2 m) (saturated) in CDBO-7 (LANL 1996, 55430, p. 4-16). Water levels have typically been measured three times each year since 1995. Significant

seasonal variations are not apparent, and the water levels have typically varied by less than 5 ft (1.5 m) (LANL 1999, 64617, p. 3-117). Laboratory group ESH-18 has previously identified the source of the saturation as purge water from nearby municipal water supply well PM-4 (Figure B-4.3-2) because the alluvium is dry upstream of the purge water entry point. Discharges from PM-4 occurred twice in 1998 but only once in the previous four years. Such limited releases would be insufficient to maintain saturation found at the two alluvial observation wells (Environmental Surveillance Program 1999, 64034, p. 136). It is unknown whether the observed perched saturated zone extends laterally in a direction perpendicular to the stream channel.

### B-4.3.3 Regional Aquifer

The regional aquifer of the Los Alamos area is the only aquifer capable of large-scale municipal water supply (Purtymun 1984, 6513). There have been 21 supply wells and 10 test wells drilled into the regional aquifer on or adjacent to the Pajarito Plateau. The 21 supply wells are in four well fields: Los Alamos (seven wells), Guaje (seven wells), Pajarito (five wells), and Otowi (two wells). These well fields are identified in Figure B-4.3-2. The hydrologic characteristics of the regional aquifer measured at each of the supply wells and at eight of the test wells differ because of the geology of the aquifer and the thickness of the saturated zone penetrated by the well.

The Pajarito Field (the field nearest TA-54) contains the most productive supply wells, as suggested by the characteristics shown in Table B-4.3-1. The average saturated thickness of the regional aquifer penetrated by the Pajarito Field wells is 1810 ft (550 m). The age of water in the regional aquifer ranges between a few thousand and more than 40,000 yr, with the youngest water occurring to the west and the oldest to the east. A portion of the regional aquifer discharges into the Rio Grande east of the Laboratory; the 11-mi (18-km) reach of the Rio Grande in White Rock Canyon receives about 5500 ac-ft (6.8 million m<sup>3</sup>) annually as discharge from the aquifer.

The surface of the regional aquifer rises westward from the Rio Grande (Figure B-4.3-2) within the Santa Fe Group into the lower part of the Puye Formation beneath the central and western part of the Pajarito Plateau. The depths to groundwater below the mesa tops range between about 1200 ft (366 m) along the western margin of the plateau and about 600 ft (183 m) at the eastern margin. The regional aquifer is separated from the alluvial groundwater and intermediate perched zone groundwater by 350 ft to 620 ft (106.7 m to 189 m) of tuff, basalt, and sediments (Environmental Protection Group 1993, 23249). The regional aquifer exhibits artesian conditions in the eastern part along the Rio Grande (Purtymun 1984, 6513). Continuously recorded water-level measurements collected in test wells since the fall of 1992 indicate that, throughout the plateau, the regional aquifer responds to barometric and earth tide effects in the manner typical of confined aquifers.

The hydraulic gradient of the regional aquifer averages about 60 ft/mi to 80 ft/mi within the Puye Formation but increases to 80 ft/mi to 100 ft/mi along the eastern edge of the plateau as the groundwater enters the less-permeable sediments of the Santa Fe Group. The rate of movement of groundwater in the upper section of the aquifer varies depending on the materials in the aquifer. Aquifer tests indicate that the rate of movement ranges between 20 ft/yr in the Tesuque Formation and 345 ft/yr in the more permeable Puye Formation (Purtymun 1984, 6513). The highest-yielding water supply wells are located within the late Miocene trough described by Purtymun (1984, 6513).

There is considerable uncertainty regarding recharge along the Jemez Mountains. Infiltration of stream flow occurs along the mountain flanks, but the limited drilling to date generally has not indicated the presence of significant recharge. Major recharge of the regional aquifer from the west is inferred because the piezometric surface slopes downward to the east (Figure B-4.3-2). Cushman (1965, 8584) suggested three sources of recharge: infiltration of runoff in canyons, underflow from the Valles Caldera through the

Tschicoma Formation, and infiltration on mesas. However, a large quantity of hydrologic, structural, and geochemical data indicates that the caldera may not serve as an appreciable source of recharge to the regional aquifer (Conover et al. 1963, 57044; Griggs 1955, 8795; Goff 1991, 57039). Furthermore, natural recharge through undisturbed Banderier Tuff on the mesa tops is believed to be insignificant (Purtymun and Kennedy 1971, 4798; Kearn et al. 1986, 15368), and few or no data exist to support an evaluation of canyon runoff as a recharge source.

The total volume of annual recharge near the Pajarito Plateau is apparently less than the quantity of municipal water production (approximately 5000 ac-ft/yr). This is based on an overall decline in regional aquifer water levels across the plateau since pumping began in the 1950s.

**Table B-4.3-1**  
**Hydrologic Characteristics of Pajarito Field Water Supply Wells**

Well Designation	Saturated Thickness ft (m)	Pumping Rate, gal./min. (L/m)
PM-2	1739 (530)	1401 (5390)
PM-4	1870 (570)	1489 (5728)
PM-5	1910 (582)	2019 (7764)

#### **B-4.4 Vadose Zone**

The region beneath the mesa surface and above the regional aquifer is referred to as the vadose zone. The source of moisture in the vadose zone is precipitation, but much of the precipitation is removed as runoff, evaporation, and transpiration. The subsurface vertical movement of the remaining water (often referred to as recharge) is influenced by properties and conditions of the vadose zone.

Two properties of rock that influence fluid flow are the degree of welding and devitrification, which are both effects of prolonged presence of residual gases and high temperatures when the rock was deposited. Because different units of the Banderier Tuff were deposited at different temperatures and because individual units were laid out in variable thicknesses over different landscapes, cooling was not uniform. Consequently, welding varies spatially, both between and within separate depositional layers. Several competing effects determine moisture content and fluid flux in welded, devitrified tuff. Welded tuffs tend to be more fractured than nonwelded tuffs. While water moves slowly through the unsaturated tuff matrix, it can move relatively rapidly through fractures if nearly saturated conditions exist (Hollis et al. 1997, 63131). Modeling studies indicate that when fractures disappear at contacts between stratigraphic subunits, when fracture fills are encountered, or when coatings are interrupted, moisture is absorbed into the matrix. Thus, fractures may provide conduits for fluid flow but only in discrete, disconnected intervals of the subsurface. Because they are open to the passage of both air and water, fractures can have both wetting and drying effects, depending on the relative abundance of water in the fractures and matrix.

As a rule, the Banderier Tuff, which forms Mesita del Buey, is very dry and does not readily transmit moisture. Most of the pore spaces in the tuff are small enough to be of capillary size and have a strong tendency to hold water against gravity by surface-tension forces. Moisture content is generally more variable near the top of the mesa than in the central portions as a result of variations in temperature, humidity, and evapotranspiration. Vegetation is very effective at removing moisture near the surface. During the summer rainy season when rainfall is highest, near-surface moisture content is variable because of the effects of higher rates of evaporation and of transpiration by vegetation, which flourishes during this time.



Table B-4.4-1 summarizes measurements and observations on core samples retrieved from boreholes drilled at MDA G. The properties listed in the table are

- lithology, which is a general macroscopic description of the rock;
- fracture spacing, which is the distance measured between fractures (in meters);
- fracture dip, which is the angle of the fracture relative to horizontal (in degrees);
- fracture aperture, which is the width of the fracture (in millimeters);
- mean density, which is the mass of rock per unit volume of rock (in grams per cubic centimeter);
- mean porosity, which is the ratio of the air-filled volume to the total volume of the rock (in percent);
- mean volumetric moisture, which is the ratio of the water volume to the total volume of the rock (in percent);
- saturation, which is the ratio of the pore volume containing water to the total porosity (in percent);
- saturated hydraulic conductivity ( $K_{sat}$ ), which is the rate at which moisture moves through rock under the influence of gravity when the rock is fully saturated (in centimeters per second); and
- van Genuchten parameters  $\theta_r$ ,  $\alpha$ , and  $n$ , which are derived parameters used to model moisture movement in rock (van Genuchten 1980, 63542).

These data are obtained from either intact tuff (e.g., fracture spacing), from direct measurements of rock samples from TA-54 (e.g., density), or from experiments performed on rock samples (e.g.,  $K_{sat}$ ). The van Genuchten parameters are derived from characteristic curves, which are relationships required to model unsaturated liquid flow through rock. They include moisture retention curves that describe the energy state or tension of pore water in tuff and the hydraulic conductivity ( $K$ ) of the rock. The moisture tension curve of a material is the relationship between suction within the matrix and the volumetric water content (i.e., the volume of water contained in a volume of tuff) for a porous material. Hydraulic conductivity is simply the rate at which water can travel through a sample of rock or soil under the influence of gravity. In general, soils and rock have higher hydraulic conductivity when more moisture is present; the maximum occurs when the material is fully saturated with water and is called the saturated hydraulic conductivity. In unsaturated media, both the hydraulic conductivity and the tension are highly nonlinear functions of the water content and are complicated by hysteresis.

Unsaturated hydraulic conductivity curves for five units of the TA-54 subsurface are plotted in Figure 2-13 of the performance assessment report (Hollis et al. 1997, 63131). The graphs were made using samples of rock taken in each of the five main geologic units found within and below TA-54. The data plotted on the graph were obtained in experiments conducted on small samples of rock recovered from borehole cores. Unsaturated hydraulic conductivities are calculated using the van Genuchten parameters (van Genuchten 1980, 63542) and Mualem's model (Mualem 1976, 63543).

Characteristic curves like these are often used as a basis for mathematical models of unsaturated flow. For modeling purposes, the curves must be translated into mathematical equations. One popular curve-fitting function is the van Genuchten formulation. The van Genuchten method (van Genuchten 1980, 63542) requires three variables,  $\alpha$ ,  $n$ , and  $\theta_r$ , to be evaluated to fit the curve to the measured data. The van Genuchten parameters  $\alpha$  and  $n$  are derived hydraulic properties for modeling moisture flow in unsaturated materials. In general, materials with relatively high values of  $\alpha$  can hold more water with less suction, while materials with a relatively large value of  $n$  may undergo large changes in moisture content with small changes in suction. The residual moisture content,  $\theta_r$ , is defined as moisture that cannot be removed from the rock surface under natural conditions; it is typically an uncertain parameter in van Genuchten. Residual moisture is not well defined in arid regions where moisture may be transported in the vapor phase rather than the liquid phase. The van Genuchten parameters are listed in Table B-4.4-1.

**Table B-4.4-1**  
**Hydraulic Characteristics of MDA G Vadose Zone**

Property	Tshirege Member Unit 2	Tshirege Member Unit 1vu	Tshirege Member Unit 1vc	Tshirege Member Unit 1g	Tsankaw/Cerro Toledo Interval	Olowi Member	Guaje Pumice	Cerro del Rio Basalt	Puye Formation
Thickness, ft (m)	40 (12.2)	45 (13.7)	25 (7.6)	50 (15.2)	5.9 (1.8)	120 (36.6)	12 (3.7)	>119 (>36.3)	-656 (-200)
Lithology Summary	Massive, crystal-rich, slightly welded, devitrified tuff; vapor-phase altered, pumice swarms; basal surge	Massive, crystal- rich nonwelded tuff, devitrified, pumiceous; crystal-rich lapilli	Massive, crystal- rich nonwelded tuff, pumiceous; pumice swarms; ash fall; crystal- rich lapilli	Massive, nonwelded nonindurated tuff; vitric; pumiceous; crystal-rich lapilli	Massive air-fall tuff, large white- pumice lapilli; topical surge bed of crystals and ash	Massive, moderately crystal-rich, nonwelded, vitric tuff, ~30% pumice	Basal, nonwelded pumice lapilli bed; vitric	Dense, fractured, basaltic lava flows, with flow breccias and Puye interbeds	Fanglomerates and conglomerates; fluvial and debris-flow deposits; interbedded ash and pumice falls, basal flows
Fracture Spacing	3.3-4.3 ft, 1.0-1.3 m	3.3-4.3 ft, 1.0-1.3 m	No data, few fractures	No data, some fractures	No data, rare fractures	No data, few fractures	No data, rare fractures	~1.0 ft (~0.3 m) from observation	No data, poorly developed in outcrop
Fracture Dip and Aperture	87° median; 0.12 in. (3 mm) median	84° median; 0.12 in. (3 mm) median	No data, assumed vertical	No data, assumed vertical	No data, assumed vertical	No data	No data	~0.2 in. (~5 mm) from observation	No data, poorly developed in outcrop
Fracture Fill	72% filled; 9% plated; 19% open	82% filled or plated; 18% open	No data	No data	No data	No data; some caliche observed	No data	None observed	No data
Mean Density (g/cc)	1.37	1.26	1.20	1.14	1.12	1.2	No data	No data, 2.4- 3.1 estimated	No data
Mean Porosity (%)	45.7	48.7	49.3	46.2	47.3	43.5	No data	No data	No data
Mean Volumetric Moisture (%)	2.57	1.89	10.88	8.94	14.00	11.5	No data	No data	No data
Saturation (%)	5.7	3.7	21.3	16.9	30.3	26.4	No data	No data	No data
Mean $K_{sat}$ (cm/sec)	4.37E-7	1.48E-4	1.67E-4	1.88E-4	8.65E-4	2.49E-4	No data	No data	No data
van Genuchten $\alpha$	0.0	0.0	0.0	0.0	0.8	2.1	No data	No data	No data
$n$	0.0060	0.0030	0.0033	0.0053	0.0152	0.059	No data	No data	No data
$n$	1.890	1.932	1.647	1.745	1.506	1.713	No data	No data	No data

The data in Table B-4.4-1 show that the units beneath MDA G have volumetric moisture contents between about 2% and 14% by volume. The curves are very steep at low moisture contents, indicating that for a unit increase in water, there is a very large increase in hydraulic conductivity. The slopes of the conductivity curves generally level out when moisture content reaches about 7% by volume. The relatively flat portion of the curves indicates that hydraulic conductivities remain constant over moisture contents ranging between 10% and 30% by volume. This behavior is a function of the sample's pore-size distribution. At moisture contents greater than about 34% by volume, the conductivity curves again become very steep. Note that these are artificially high moisture contents obtained under experimental conditions. Such high moisture contents would naturally occur in the region of the Laboratory only with a major climatic change or artificial input of water, such as from an outfall.

Taken as a group, the hydraulic conductivity curves and tension curves are very similar among the geologic units, with one exception: the Tsankawi Pumice/Cerro Toledo interval characteristic curves show a much greater spread than the others. This reflects the highly varied size of the pore spaces in the rock compared with other units because of the varied lithologies characteristic of this interval. In general, the curves indicate that the Tsankawi Pumice/Cerro Toledo interval may conduct water more readily than the other units of the Bandelier Tuff.

## B-5.0 ECOLOGICAL RESOURCES

Biological resource field surveys have been conducted in the TA-54 area for compliance with the Federal Endangered Species Act of 1973; the New Mexico Wildlife Conservation Act; the New Mexico Endangered Species Act; Executive Order 11990, "Protection of Wetlands"; Executive Order 11988, "Floodplain Management"; 10 CFR 1022, "Compliance with Floodplain/Wetlands Environmental Review Requirements"; and DOE Order 5400.1, "General Environmental Protection Program."

No wetlands exist in the TA-54 area, but wetlands and floodplains exist in the lower portion of Pajarito Canyon. Possible threatened and endangered species for the area were identified, but no habitats were located. Further information is contained in "Biological Assessment for Environmental Restoration Program, Operable Unit 1148, TA-54" (Banar 1996, 58192).

### Local Plant Species

The vegetation on Mesita del Buey is dominated by the piñon-juniper series of the Great Basin conifer woodland. One-seed juniper and piñon pines are the dominant tree species in undisturbed areas. Common shrub species include big sagebrush (*Artemisia tridentata*), wax currant (*Ribes cereum*), four-wing salt bush (*Atriplex canescens*), currant (*Ribes* sp.), and mountain mahogany (*Cercocarpus betuloides*). Blue grama grass (*Bouteloua gracilis*), cryptogamic soil crust, and prickly pear cactus (*Opuntia* spp.) are the most common low-growing (understory) plants on the mesa top. Other common understory plants include snake weed (*Gutierrezia microcephala* and *Gutierrezia sarothrae*), pinque (*Hymenoxys richardsonii*), wild chrysanthemum (*Bahia dissecta*), leafy golden aster (*Chrysopsis filiosa*), purple horned-toothed moss (*Ceratodon purpureus*), several lichen species, three-awn grass (*Aristida* spp.), bottlebrush squirreltail (*Sitanion hystrix*), bluegrass (*Poa* spp.), false tarragon (*Artemisia dracuncululus*), and a species of *Mammalaria* cactus (Hollis et al. 1997, 63131, p. 2-13). A representative list of average rooting depths for native plants is presented in Table B-5.0-1.

**Table B-5.0-1**  
**Average Rooting Depths of Piñon and Juniper Woodland Plants**

Species	Common Name	Root Depth, ft (m)
<i>Quercus</i> spp.	Oak	10.5 (3.2)
<i>Gutierrezia sarothrae</i>	Snakewood	9.5 (2.9)
<i>Ribes cereum</i>	Wax currant	9.5 (2.9)
<i>Falugia paradoxa</i>	Apache plume	8.5 (2.6)
<i>Rhus trilobata</i>	Squawbush	7.5 (2.3)
<i>Atriplex canescens</i>	Saltbush	7.2 (2.2)
<i>Chrysothamnus nauseosus</i>	Chamisa	6.9 (2.1)
<i>Artemisia tridentata</i>	Sagebrush	5.9 (1.8)
<i>Juniperus monosperma</i>	One-seed juniper	5.6 (1.7)
<i>Pinus ponderosa</i>	Ponderosa pine	4.9 (1.5)
<i>Bouteloua gracilis</i>	Blue grama	1.9 (0.58)
<i>Cercocarpus montanus</i>	Mountain mahogany	1.6 (0.5)
<i>Helianthus petiolaris</i>	Wild sunflower	1.5 (0.45)
<i>Opuntia polycantha</i>	Cactus	0.9 (0.28)
<i>Yucca angustifolia</i>	Yucca	0.3 (0.1)

In a study of 21 species of plants common at the Laboratory, roots were found to be most abundant in the upper 6.4 ft (2 m) of soil. Biomass of annual and perennial plant roots was greatest in the upper 3.3 ft (1 m), whereas ponderosa pine roots were nearly always found within the top 6.6 ft (2 m) of the soil surface. Tap roots of chamisa, Apache plume, and oak extended over 6.6 ft (2 m) into the soil, and piñon pine and one-seed juniper roots have been found to extend greater than 20 ft (6 m) through fractures in the tuff (Hollis et al. 1997, 63131, p. 2-13).

As a result of waste management operations at TA-54, many of the native understory plants on Mesita del Buey are being replaced by new species. Recently disturbed areas support plants such as goosefoot (*Chenopodium fremontii*), tumbleweed (*Salsola kali*), cutleaf evening primrose (*Oenothera caespitosa*), common sunflower (*Helianthus annuus*), and other colonizing species. As pits are closed, native grass species (e.g., blue grama) are planted on the top; these species provide extensive ground cover and have short roots. The density of this vegetative cover protects against erosion, while the shallow roots maximize transpiration of water.

#### **Local Animal Species**

Insects, reptiles, mammals, and birds inhabit the Laboratory region. Harvester ants are the most abundant insects at TA-54, while common reptiles include fence lizards (*Sceloporous undulatus*), Plateau striped whiptails (*Cnemidophorus velux*), gopher snakes (*Pituophis melanoleucus*), and garter snakes (*Thamnophis elegans*). Many mammals inhabit the Pajarito Plateau, including rodents, mule deer, elk, black bear, mountain lion, bobcat, fox, and coyote, all of which pass through the TA-54 vicinity at least occasionally. Pajarito Canyon and Cañada del Buey support a wide variety of bird species. In addition to a range of songbirds, a variety of nesting and migrating raptors have been identified in less-disturbed areas of the canyons (Hollis et al. 1997, 63131, p. 2-13).

Table B-5.0-2 lists some burrowing animals observed at TA-54, along with their maximum reported burrowing depths.

**Table B-5.0-2**  
**Maximum Recorded Depth of Burrows of Animals at TA-54**

Species or Taxon	Common Name	Burrow Depth ft (m)
<i>Pogonomymrmax</i> spp.	Harvester ant	9.8 (3.0)
<i>Gopheropus polyphomus</i>	Gopher tortoise	2.5 (0.75)
<i>Terrapeno carolina</i>	Box turtle	0.3 (0.1)
<i>Blarina brevicaudata</i>	Short-tailed shrew	1.6 (0.5)
<i>Scalopus aquaticus</i>	Mole	2.0 (0.6)
<i>Microtus ochrogaster</i>	Prairie vole	0.7 (0.2)
<i>Peromyscus gossypinus</i>	Cotton mouse	2.5 (0.75)
<i>Ochrotomys nuttalli</i>	Golden mouse	0.4 (0.13)
<i>Perognathus parvus</i>	Pocket mouse	4.6 (1.4)
<i>Thomomys talpoides</i>	Pocket gopher	3.2 (<1)
<i>Dipodomys ordii</i>	Kangaroo rat	2.3 (0.7)
<i>Cynomys leucurus</i>	Prairie dog	6.0 (1.83)
<i>Peromyscus maniculatus</i>	Deer mouse	3.2 (<1)
<i>Marmota monax</i>	Woodchuck	4.9 (1.5)

## B-6.0 CULTURAL RESOURCES

A cultural resource survey was conducted during the summer of 1991 at Operable Unit 1148, as required by the National Historic Preservation Act of 1966. A total of 68 archaeological sites have been located within the boundary of the operable unit. Of this number, 56 are eligible for inclusion on the National Register of Historic Places, and 12 have been declared ineligible. According to the RFI work plan, a report documenting the survey area, methods, results, and monitoring recommendations was to be transmitted to the New Mexico State Historic Preservation officer for concurrence in a determination of no effect (LANL 1992, 7669).

## REFERENCES

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Copies of the reference library are maintained at the NMED Hazardous Waste Bureau; the DOE Los Alamos Area Office; United States Environmental Protection Agency, Region 6; and the ER Project Material Disposal Areas Focus Area. This library is a living collection of documents that was developed to ensure that the administrative authority has all the necessary material to review the decisions and actions proposed in this document. However, documents previously submitted to the administrative authority are not included.

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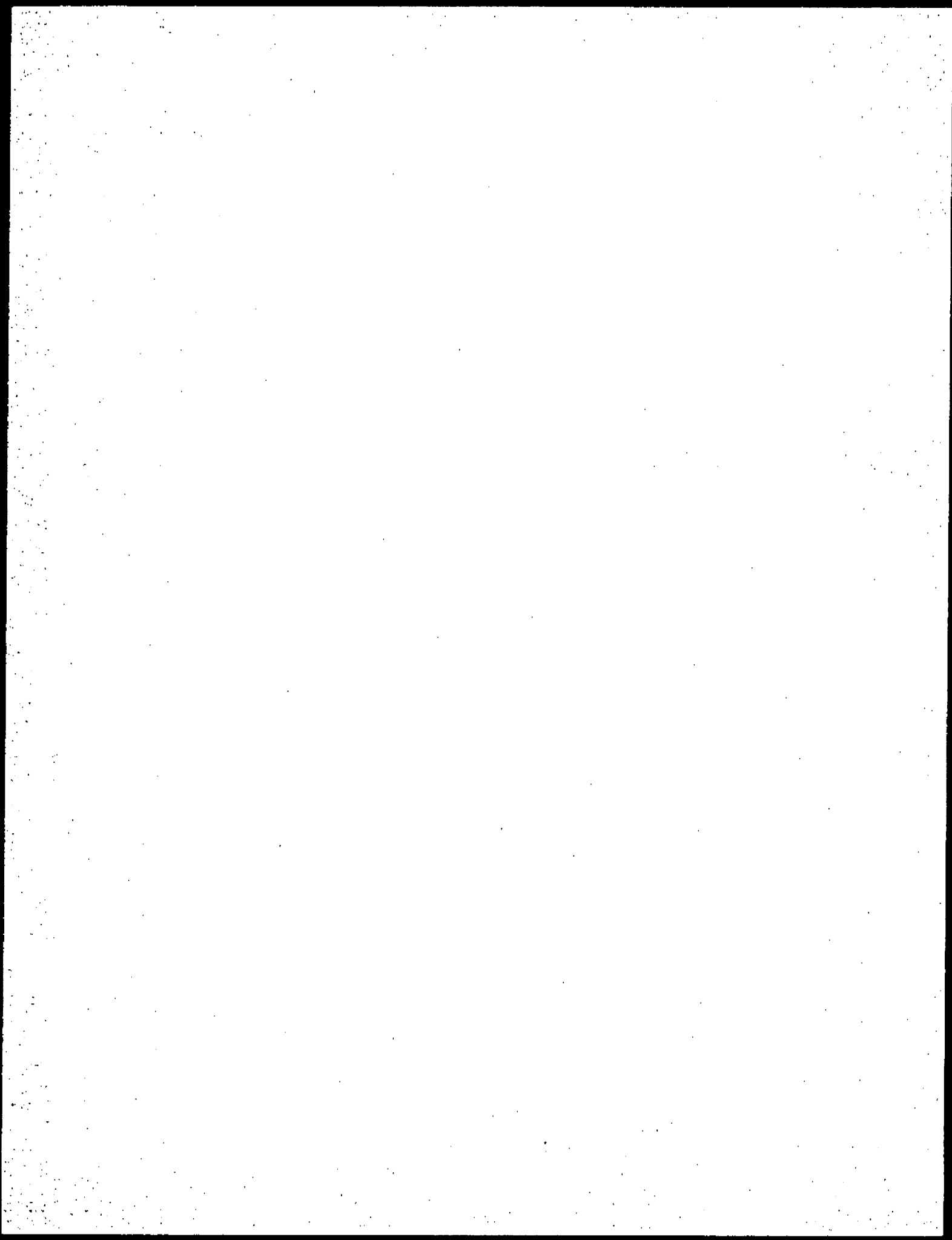
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## Appendix C

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*Results of Quality Assurance/Quality Control Activities*



## APPENDIX C RESULTS OF QUALITY ASSURANCE/QUALITY CONTROL ACTIVITIES

### C-1.0 SUMMARY OF QUALITY ASSURANCE/QUALITY CONTROL ACTIVITIES

This appendix is an assessment of the quality of analytical results obtained during the 1995 Phase I Resource Conservation and Recovery Act facility investigation (RFI) and the 2000/2001 voluntary corrective action (VCA) at Potential Release Site (PRS) 54-007(c)-99. PRS 54-007(c)-99 consists of two inactive septic systems removed during VCA activities during January 2001. Table C-1.0-1 presents the analytical suites for samples collected during the 1995 Phase I RFI and the VCA. A quality assurance (QA)/quality control (QC) evaluation was performed on both sludge and soil samples.

Table C-1.0-1  
Analytical Suites

Chemical Category	Analyte List	Analytical Method
Radionuclides	Gross alpha radiation	Proportional counting
	Gross gamma radiation	Proportional counting
	Gamma-emitting radionuclides	Gamma spectroscopy
	Isotopic uranium	Chemical separation alpha spectroscopy
	Isotopic plutonium	Chemical separation alpha spectroscopy
	Strontium-90	Beta proportional counting
	Tritium	Liquid scintillation
Inorganic chemicals	TAL <sup>a</sup> metals (soil) TCLP <sup>b</sup> metals (sludge)	EPA <sup>c</sup> Method 6101B
	Cyanide	EPA CLP Method 335.2 ILM 03.0
Organic chemicals	SVOCs <sup>d</sup>	EPA Method 8270
	PCBs <sup>e</sup> /pesticides	EPA Method 8082
	VOCs <sup>f</sup>	EPA Method 8260

<sup>a</sup>TAL = target analyte list.

<sup>b</sup>TCLP = toxicity characteristic leaching procedure.

<sup>c</sup>EPA = US Environmental Protection Agency.

<sup>d</sup>SVOCs = semivolatile organic compounds.

<sup>e</sup>PCBs = polychlorinated biphenyls.

<sup>f</sup>VOCs = volatile organic compounds.

QA/QC and data validation procedures were implemented in accordance with the requirements of the QA project plan (LANL 1996, 54609) and the Los Alamos National Laboratory (the Laboratory) Environmental Restoration (ER) Project analytical services statement of work (SOW) for contract laboratories (LANL 1995, 49738). The results of the QA/QC activities were used to estimate accuracy, bias, and precision of the analytical measurements. QC samples, including method blanks, blank spikes, matrix spikes, and laboratory control samples (LCSs), were used to assess accuracy and bias. Internal standards, external standards, surrogates, and tracers also were used to assess accuracy. The type and frequency of QC analyses are described in the ER Project analytical services SOW (LANL 1995, 49738). Other QC factors, such as sample preservation and holding times, were also assessed. Requirements for sample preservation and holding times are given in the ER Project standard operating procedure (SOP) LANL-ER-SOP-1.02, Rev. 1, "Sample Container and Preservation." Evaluating these QC indicators allows estimates of the accuracy, bias, and precision of the analytical suites.

## Samples Collected

Summaries of the analytical methods for metals, radionuclides, and organic analytes are provided in the following sections.

## C-2.0 INORGANIC CHEMICAL METHODS

The sludge samples collected from both septic tanks during 2000 were analyzed for TCLP metals. A total of 12 samples (6 sludge, 6 soil) were collected at PRS 54-007(c)-99 during the 1995 Phase I RFI and analyzed for TAL and TCLP metals. For these samples, mercury was analyzed by cold vapor atomic absorption (CVAA); cyanide was analyzed by EPA reflux-distillation (EPA 1996, 57589). Other TAL metals were analyzed by inductively coupled plasma emission spectroscopy (ICPES).

The inorganic chemical analytical methods for this data set are listed in Table C-2.0-1. Holding times were met for all inorganic chemical digestion processes and analyses. Qualifiers for inorganic analytes are provided in Section C-5.0.

**Table C-2.0-1**  
**Methods for Inorganic Chemical Analysis**

Analytical Method	Analytical Description	Analytical Suite
EPA SW-846 Method 6010B	ICPES	Aluminum, antimony, arsenic, barium, beryllium, calcium, cadmium, cobalt, chromium, copper, iron, lead, magnesium, manganese, nickel, potassium, selenium, sodium, silver, thallium, vanadium, and zinc. (TAL metals for soils and TCLP metals for sludge)
EPA SW-846 Method 7471A	CVAA	Mercury (TAL and TCLP metal)
EPA CLP Method 335.2	Titrimetric, spectrophotometry	Total cyanide

## C-2.1 Inorganic Chemical QA/QC Samples

LCSs, method blanks, matrix spike samples, field duplicate samples, interference check samples, and serial dilution samples were analyzed to assess the accuracy and precision of inorganic chemical analyses. Each of these QA/QC sample types is defined in the ER Project analytical services SOW (LANL 1995, 49738) and described briefly below.

The LCSs are used to monitor the overall performance of each step during the analysis, including sample digestion. Analytical results for the samples were qualified if individual LCS recoveries were outside the 75% to 125% range specified in the national functional guidelines. According to the guidelines, results that were less than five times the method blank result were qualified as not detected (U).

Accuracy for inorganic chemical analyses are also assessed using matrix spike samples. A matrix spike sample is designed to provide information about the effect of each sample matrix on the sample preparation procedures and analytical technique. The spike sample recoveries should be within the acceptance range of 75% to 125%, according to LANL-ER-SOP 15.05, Rev. 0, "Routine Validation of Inorganic Data."

Analyzing field duplicate samples assessed the precision of inorganic chemical analyses. All relative percent differences between the sample and field duplicate should be  $\pm 35\%$ , according to LANL-ER-SOP 15.05, Rev. 0, "Routine Validation of Inorganic Data."

### C-2.2 Inorganic Chemical Background Values

The current ER Project analytical services SOW (LANL 1995, 49738) was issued before the widespread use of axial view ICPEs (also known as trace ICPEs) and before the development of the Laboratory soil inorganic background data set. All samples were analyzed using the radial-view ICPEs. Some samples were analyzed using trace ICPEs.

### C-3.0 ORGANIC CHEMICAL ANALYSES

A total of 56 samples (44 from the 2000/2001 VCA, 12 from the 1995 Phase I RFI) were collected at PRS 54-007(c)-99. These samples were analyzed for VOCs, SVOCs, PCBs, and pesticides (Table C-3.0-1). All QC procedures were followed as required by the ER Project analytical services SOW (LANL 1995, 49738).

**Table C-3.0-1**  
**Methods for Organic Chemical Analyses**

Analytical Method	Analytical Description	Target Compound List
EPA SW-846 Method 3540-Extraction EPA SW-846 Method 8270 B-Analysis	SVOCs	ER Project analytical services SOW (LANL 1995, 49738), Appendix D of this report.
EPA SW-846 Method 5035-Sampling EPA SW-846 Method 5035-Extraction EPA SW-846 Method 8260-Analysis	VOCs	ER Project analytical services SOW (LANL 1995, 49738), Appendix D of this report.
EPA SW-846 Method 3540-Extraction EPA SW-846 Method 8081-Analysis	PCBs and pesticides	ER Project analytical services SOW (LANL 1995, 49738), Appendix D of this report.

#### C-3.1 SVOC Analysis

Holding times for extraction and analysis were met for all samples. Qualifiers applied to these samples because of internal standard and surrogate recoveries are presented in Section C-5.0.

#### C-3.2 VOC Analysis

All holding times were met for the VOC analyses.

#### C-3.3 PCB/Pesticide Chemical Analysis

Holding times for extraction and analyses were met for the 1995 Phase I RFI samples. The pesticide/PCB data from 2000 were rejected because the extraction holding time was exceeded at the off-site fixed analytical laboratory by more than two times. Therefore, the 1995 pesticide/PCB data were used to determine if pesticides/PCBs were a chemical of potential concern and should be included in the analytical suite for VCA confirmation samples. The PCB/pesticide analyte list with contract-required detection limits is presented in Appendix D.

## C-4.0 RADIOCHEMICAL ANALYSES

A total of 56 samples (44 from the 2001 VCA, 12 from the 1995 Phase I RFI) were analyzed for gross radioactivity and/or radionuclides by the methods listed in Table C-4.0-1. The maximum allowable reporting limits (defined in the ER Project analytical services SOW for radiochemicals [LANL 1995, 49738]) are provided in Appendix D.

Table C-4.0-1  
Methods for Radiochemical Analyses

Radiation and Radionuclide	Analytical Technique
Gamma-emitting radionuclides	Gamma spectroscopy
Isotopic plutonium	Chemical separation/alpha spectroscopy
Isotopic uranium	Chemical separation/alpha spectroscopy
Strontium-90	Proportional counting
Tritium	Liquid scintillation

Radionuclides with reported values lower than the minimum detectable activity were qualified as nondetected (U). Each radionuclide result also was compared with the corresponding 1-sigma total propagated uncertainty (TPU). If the result was not greater than three times the TPU, it was qualified as nondetected (U).

### Radiochemical QA/QC Samples

Precision and bias of radiochemical analyses performed at off-site fixed laboratories were assessed using matrix spike samples, LCSs, method blanks, duplicates, and tracers.

The ER Project analytical services SOW specifies that spike sample recoveries should be within  $\pm 25\%$  of the certified value (LANL 1995, 49738). All spike sample recoveries met this acceptance criterion.

LCSs assess the accuracy of radionuclide analyses. The LCSs were used to monitor the overall performance of each step during the analysis, including the radiochemical separation preparation. The ER Project analytical services SOW specifies that LCS recoveries should be within  $\pm 25\%$  of the certified value (LANL 1995, 49738). The analytical results for individual LCSs were all within the  $\pm 25\%$  recovery control limit.

Method blanks are also used to assess bias. The ER Project analytical services SOW specifies that the method blank concentration should not exceed the required estimated quantitation limit (LANL 1995, 49738). All method blanks met these criteria.

## C-5.0 DATA VALIDATION

When the Phase I RFI was conducted during 1995, PRSs 54-007(c) and 54-007(e) were considered separate sites. Although they were consolidated during 1999, the 1995 data are presented in this document using the original (1995) site designations. Data qualifiers applied during the Laboratory validation process are defined in Table C-5.0-1.

**Table C-5.0-1**  
**Data Qualifiers used in the Data Validation Procedure**

Qualifier	Explanation
U	The analyte was analyzed for but not detected. Reported value is the sample-specific estimated quantitation limit or detection limit.
J	The reported value should be regarded as estimated.
J+	The reported value should be regarded as estimated and biased high.
J-	The reported value should be regarded as estimated and biased low.
UJ	The analyte was analyzed for but not detected. Reported value is an estimate of the sample-specific quantitation limit or detection limit.
UJ+	The analyte was analyzed for but not detected. Reported value is an estimate of the sample-specific quantitation limit or reporting limit with a high bias.
UJ-	The analyte was analyzed for but not detected. Reported value is an estimate of the sample-specific quantitation limit or reporting limit with a low bias.
R	The sample results were rejected because of serious deficiencies in the ability to analyze the sample and meet QC criteria; presence or absence cannot be verified.

### C-5.1 Inorganic Data Review

Samples qualified by Laboratory validation are shown in Tables C-5.1-1, C-5.1-2, and C-5.1-3 with an explanation for each Laboratory qualifier that was applied to particular analytes for listed sample numbers. No major QA/QC problems were encountered in the analyses of these samples.

**Table C-5.1-1**  
**PRS 54-007(c) Inorganic Data Quality Evaluation, 1995 Phase I RFI Data**

Request	Sample ID	Location ID*	Depth (in.)	Analytical Suite	Analyte	Explanation
1619	0554-95-2008	54-09205	Sludge	Metals	Arsenic Barium Beryllium Cobalt Copper Iron Lead Vanadium	Results should be regarded as estimated (J) because the results were less than the estimated detection limit but greater than the instrument detection limit.
1619	0554-95-2008	54-09205	Sludge	Metals	Selenium Thallium	The reporting limits for these analytes should be regarded as estimated (UJ) because the matrix spike recoveries for these analytes were low.
1619	0554-95-2008	54-09205	Sludge	Metals	Zinc	The result should be regarded as estimated and biased high (J+) because the matrix spike recovery for this analyte was high.
1644	0554-95-2035 0554-95-2036 0554-95-2037 0554-95-2038	54-09220 54-09221 54-09222 54-09222	48-58 48-58 72-80 72-80	Metals	Cobalt Nickel Potassium Sodium Arsenic	Results for these analytes should be regarded as estimated (J) because they were less than the practical quantitation limit.
1644	0554-95-2035 0554-95-2036 0554-95-2037 0554-95-2038	54-09220 54-09221 54-09222 54-09222	48-58 48-58 72-80 72-80	Metals	Manganese Lead	Results should be regarded as biased high (J+) because the surrogate recoveries were greater than specified upper limits.

Table C-5.1-1 (continued)

Request	Sample ID	Location ID	Depth (in.)	Analytical Suite	Analyte	Explanation
1644	0554-95-2035	54-09220	48-58	Total cyanide	Cyanide, total	The reporting limit for this analyte should be regarded as estimated (UJ) because the spike recovery is below specified limits.
	0554-95-2036	54-09221	72-90			
	0554-95-2037	54-09222	72-80			
	0554-95-2038	54-09222	72-80			
1644	0554-95-2035	54-09220	48-58	Metals	Mercury Selenium	Reporting limits for these analytes should be regarded as estimated (UJ) because the spike recoveries were below specified limits.
	0554-95-2036	54-09221	48-58			
	0554-95-2037	54-09222	72-80			
	0554-95-2038	54-09222	72-80			

\* ID = identification.

Table C-5.1-2

## PRS 54-007(c) Inorganic Data Quality Evaluation, 1995 Phase I RFI Data

Request	Sample ID	Location ID	Depth (in.)	Analytical Suite	Analyte	Explanation
1619	0554-95-2014	54-09217	Sludge	Metals	Selenium	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery for this analyte was low.
1619	0554-95-2014	54-09211	Sludge	Metals	Zinc	The result should be regarded as estimated and biased high (J+) because the matrix spike recovery for this analyte was high.
1619	0554-95-2014	54-09211	Sludge	Metals	Arsenic Beryllium Cobalt Nickel Vanadium	Results should be regarded as estimated (J) because the results were less than the estimated detection limit but greater than the instrument detection limit.
1619	0554-95-2014	54-09211	Sludge	Metals	Iron	The result should be regarded as estimated and biased low (J-) because the matrix spike recovery for this analyte was low.
1639	0554-95-2028	54-09217	38-48	Metals	Cobalt Nickel	Results for these analytes should be regarded as estimated (J) because they were less than the practical quantitation limit.
1639	0554-95-2028	54-09217	38-48	Metals	Lead	The result is regarded as biased low (J-) because spike recoveries were below specified limits.
1639	0554-95-2028	54-09217	38-48	Metals	Beryllium Potassium Sodium Arsenic	Results should be regarded as not detected (U) because they are less than five times the related analytes found in the blank.
1639	0554-95-2028	54-09217	38-48	Metals	Selenium Thallium	Reporting limits for these analytes should be regarded as estimated (UJ) because the spike recoveries were below specified limits.
	0554-95-2029	54-09218	38-48			
	0554-95-2030	54-09219	52-60			
	0554-95-2031	54-09219	52-60			
1639	0554-95-2029	54-09218	38-48	Metals	Nickel	The result for this analyte should be regarded as estimated (J) because it was less than the practical quantitation limit.
1639	0554-95-2029	54-09218	38-48	Metals	Lead	Results are regarded as biased low (J-) because spike recoveries were below specified limits.
	0554-95-2030	54-09219	52-60			
	0554-95-2031	54-09219	52-60			



Table C-5.1-2 (continued)

Request	Sample ID	Location ID	Depth (in.)	Analytical Suite	Analyte	Explanation
1639	0554-95-2029	54-09218	38-48	Metals	Beryllium Cobalt Potassium Sodium Arsenic	Results should be regarded as not detected (U) because they are less than five times the related analytes found in the blank.
1639	0554-95-2030	54-09219	52-60	Metals	Copper Magnesium Nickel	Results for these analytes should be regarded as estimated (J) because they were less than the practical quantitation limit.
1639	0554-95-2030	54-09219	52-60	Metals	Beryllium Cobalt Potassium Sodium	Results should be regarded as not detected (U) because they are less than five times the related analytes found in the blank.
1639	0554-95-2030	54-09219	52-60	Metals	Arsenic	The reporting limit for this analyte should be regarded as estimated (UJ) because the spike recovery is below specified limits.
1639	0554-95-2031	54-09219	52-60	Metals	Calcium Copper Magnesium	Results for these analytes should be regarded as estimated (J) because they were less than the practical quantitation limit.
1639	0554-95-2031	54-09219	52-60	Metals	Arsenic Cobalt Potassium Sodium	Results should be regarded as not detected (U) because they are less the related analytes found in the blank.

Table C-5.1-3

PRS 54-007(c)-99 Inorganic Data Quality Evaluation, 2000/2001 VCA Data

Request	Sample ID	Location ID	Depth (in.)	Analytical Suite	Analyte	Explanation
7191R	MD54-00-0037	n/a*	Sludge	Metals	Barium	The result for this analyte should be regarded as not detected (U) because the result was less than five times the result for this analyte in the preparation blank.

\* n/a = not applicable. There are no location IDs for the septic tanks.

## C-5.2 Organic Data Review

Samples qualified by Laboratory validation are shown in Tables C-5.2-1, C-5.2-2, and C-5.2-3. An explanation is given for each Laboratory qualifier that was applied to particular analytes for listed sample numbers. The pesticide/PCB data from 2000 were rejected because the extraction holding time was exceeded at the off-site fixed analytical laboratory by more than two times.

**Table C-5.2-1**  
**PRS 54-007(c) Organic Data Quality Evaluation, 1995 Phase I RFI Data**

Request	Sample ID	Location ID	Depth (in.)	Analytical Suite	Analyte	Explanation
1618	0554-95-2006 0554-95-2007	54-09205 54-09205	Sludge	VOCs	Acetone Methylene chloride	The results for these analytes should be regarded as not detected (U) because the results were less than 10 times the results for these analytes in the preparation blank.
1618	0554-95-2008	54-09205	Sludge	SVOC	Bis(2-ethylhexyl)phthalate Di-n-butylphthalate	The results for these analytes should be regarded as estimated (J) because the results for these analytes were less than the practical quantitation limit but greater than the minimum detection limit.
1643	0554-95-2035	54-09220	48-58	VOCs	Trichlorofluoromethane	The result for this analyte should be regarded as estimated (J) because it was less than the practical quantitation limit.
1643	0554-95-2035 0554-95-2036 0554-95-2037 0554-95-2038	54-09220 54-09221 54-09222 54-09222	48-58 48-58 72-80 72-80	VOCs	Methylene chloride	Results should be regarded as not detected (U) because they were less than five times the related analyte found in the method blank.
1643	0554-95-2036 0554-95-2037 0554-95-2038	54-09221 54-09222 54-09222	48-58 72-80 72-80	SVOCs	Bis(2-ethylhexyl)phthalate	Results for this analyte should be regarded as estimated (J) because they were less than the practical quantitation limit.

**Table C-5.2-2**  
**PRS 54-007(e) Organic Data Quality Evaluation, 1995 Phase I RFI Data**

Request	Sample ID	Location ID	Depth (in.)	Analytical Suite	Analyte	Explanation
1618	0554-95-2012 0554-95-2013	54-09211 54-09211	Sludge	VOCs	Methylene chloride	The results for this analyte should be regarded as not detected (U) because the results were less than 10 times the result for this analyte in the preparation blank.
1618	0554-95-2012	54-09211	Sludge	VOCs	Dichloroethane[1,2-] Ethylbenzene	The results for these analytes should be regarded as estimated (J) because the results for these analytes were less than the practical quantitation limit but greater than the method detection limit.
1618	0554-95-2012	54-09211	Sludge	VOCs	Trimethylbenzene[1,3,5-]	The result for this analyte should be regarded as estimated (J) because the result for this analyte was less than the practical quantitation limit but greater than the method detection limit.

Table C-5.2-2 (continued)

Request	Sample ID	Location ID	Depth (in.)	Analytical Suite	Analyte	Explanation
1618	0554-95-2013	54-09211	Sludge	VOCs	Ethylbenzene Trimethylbenzene[1,3,5-]	The results for these analytes should be regarded as estimated (J) because the results for these analytes were less than the practical quantitation limit but greater than the method detection limit.
1618	0554-95-2014	54-09211	Sludge	Pesticides/PCBs	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recovery associated with these analytes was low.
1638	0554-95-2028	54-09217	38-48	VOCs	Methylene chloride	The result should be regarded as not detected (U) because it is less than 5 times the related analyte found in the method blank.
1638	0554-95-2028	54-09217	38-48	VOCs	Dichloropropene[trans-1,3-] Methyl-2-pentanone[4-] Toluene Dichloropropene[cis-1,3-] Trichloroethane[1,1,2-] Tetrachloroethene Dichloropropane[1,3-] Chlorodibromomethane Hexanone[2-] Dibromoethane[1,2-]	Reporting limits for these analytes should be regarded as estimated (UJ) because their associated internal standard recoveries were low.
1638	0554-95-2028	54-09217	38-48	VOCs	Chlorobenzene Tetrachloroethane[1,1,1,2-] Ethylbenzene Styrene Bromoforn Isopropylbenzene Bromobenzene Trichloropropane[1,2,3-] Tetrachloroethane[1,1,2,2-] Propylbenzene[1-] Chlorotoluene[2-] Chlorotoluene[4-] Trimethylbenzene[1,3,5-] Butylbenzene[tert-] Trimethylbenzene[1,2,4-] Butylbenzene[sec-] Dichlorobenzene[1,3-] Dichlorobenzene[1,4-] Isopropyltoluene[4-] Dichlorobenzene[1,2-] Butylbenzene[n-] Dibromo-3-chloropropane[1,2-] Xylene (total) Xylene[1,2-] Trichloro-1,2,2-trifluoroethane[1,1,2-]	Reporting limits for these analytes should be regarded as estimated (UJ) because their associated internal standard recoveries were low.

Table C-5.2-2 (continued)

Request	Sample ID	Location ID	Depth (in.)	Analytical Suite	Analyte	Explanation
1638	0554-95-2029	54-09218	38-48	SVOCs	Fluoranthene Pyrene Benzo(a)anthracene Bis(2-ethylhexyl)phthalate Chrysene Benzo(b)fluoranthene Benzo(k)fluoranthene	Results for these analytes should be regarded as estimated (J) because they were less than the practical quantitation limit.
1638	0554-95-2029	54-09218	38-48	VOCs	Toluene	The result for this analyte should be regarded as estimated (J) because it was less than the practical quantitation limit.
1638	0554-95-2029 0554-95-2030 0554-95-2031	54-09218 54-09219 54-09219	38-48 52-60 52-60	VOCs	Methylene chloride	Results should be regarded as not detected (U) because they were less than the practical quantitation limit and less than five times that found in the blank.
1638	0554-95-2031	54-09219	52-60	VOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UJ) because their associated internal standard recoveries were low.

Table C-5.2-3  
PRS 54-007(c)-99 Organic Data Quality Evaluation, 2000/2001 VCA Data

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
7190R	MD54-00-0037	n/a*	Sludge	Pesticides/PCBs	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the initial calibration verification for these analytes did not meet requirements.
7190R	MD54-00-0037	n/a	Sludge	SVOCs	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because of surrogate recoveries outside of specified criteria.
7190R	MD54-00-0037	n/a	Sludge	SVOCs	Benzoic acid Dinitrophenol[2,4-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the initial calibration verification for these analytes did not meet requirements.
7190R	MD54-00-0037	n/a	Sludge	SVOCs	Dichlorodifluoromethane	The reporting limit for this analyte should be regarded as estimated (UJ) because the initial calibration verification for this analyte did not meet requirements.
7190R	MD54-00-0037	n/a	Sludge	SVOCs	Bis(2-ethylhexyl)phthalate Di-n-butylphthalate	The results for these analytes should be regarded as not detected (U) because the results were less than 10 times the result for this analyte in the preparation blank.

Table C-5.2-3 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
7194R	MD54-00-0039	n/a	Sludge	Pesticides/PCBs	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the initial calibration verification for these analytes did not meet requirements.
7190R	MD54-00-0037	n/a	Sludge	VOCs	Methylene chloride	The result for this analyte should be regarded as not detected (U) because the result was less than 10 times the result for this analyte in the preparation blank.
7194R	MD54-00-0039	n/a	Sludge	Pesticides/PCBs	All target analytes	The results for these analytes should be regarded as rejected (R) because the extraction holding time was exceeded by more than two times.
7194R	MD54-00-0039	n/a	Sludge	SVOCs	Benzoic acid Dinitrophenol[2,4-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the initial calibration verification for these analytes did not meet requirements.
7194R	MD54-00-0039	n/a	Sludge	SVOCs	Dichlorodifluoromethane	The reporting limit for this analyte should be regarded as estimated (UJ) because the initial calibration verification for this analyte did not meet requirements.
7194R	MD54-00-0039	n/a	Sludge	VOCs	Methylene chloride	The result for this analyte should be regarded as not detected (U) because the result was less than 10 times the result for this analyte in the preparation blank.
8156R	MD54-00-0096	54-15438	5-6	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than the specified limits.
8156R	MD54-00-0097 MD54-00-0099 MD54-00-0100	54-15438 54-15439 54-15440	7-8 5.83-6.08 5-5.67	SVOCs	Bis(2-ethylhexyl)phthalate	Results for this analyte should be regarded as estimated (J) because they were less than the practical quantitation limit.
8156R	MD54-00-0100	54-15440	5-5.67	SVOCs	Nitrobenzene	Reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.
8156R	MD54-00-0100	54-15440	5-5.67	SVOCs	Benzoic acid	Reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.

Table C-5.2-3 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
8156R	MD54-00-0100	54-15440	5-5.67	SVOCs	Hexachlorobutadiene	Reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.
8156R	MD54-00-0100	54-15440	5-5.67	SVOCs	Benzyl alcohol	Reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.
8156R	MD54-00-0100	54-15440	5-5.67	SVOCs	Bis(2-chloroethoxy)methane Bis(2-chloroethyl)ether Hexachloroethane Isophorone Nitroso-di-n-propylamine[N-] Naphthalene Aniline Phenol Trichlorobenzene[1,2,4-] Nitrosodimethylamine[N-] Dimethylphenol[2,4-] Methylphenol[4-] Dichlorobenzene[1,2-] Dichlorobenzene[1,3-] Dichlorobenzene[1,4-] Dichlorophenol[2,4-] Chlorophenol[2-] Methylnaphthalene[2-] Methylphenol[2-] Nitrophenol[2-] Chloro-3-methylphenol[4-] Chloroaniline[4-] Oxybis(1-chloropropane)[2,2'-]	Reporting limits for these analytes should be regarded as estimated (UJ) because their associated internal standard recoveries were low.
8156R	MD54-00-0101	54-15440	5.67-6	SVOCs	Nitrosodiphenylamine[N-] Fluoranthene Pentachlorophenol Hexachlorobenzene Anthracene Bromophenyl-phenylether[4-] Phenanthrene Dinitro-2-methylphenol[4,6-] Di-n-butylphthalate	Reporting limits for these analytes should be regarded as estimated (UJ) because their associated internal standard recoveries were low.
8159R	MD54-00-0102 MD54-00-0103 MD54-00-0105	54-15441 54-15441 54-15442	5.33-5.67 5.67-5.83 5.17-5.33	SVOCs	Bis(2-ethylhexyl)phthalate	These results should be regarded as biased high (J+) because surrogate recoveries were greater than specified upper limits.
8159R	MD54-00-0105	54-15442	5.17-5.33	SVOCs	Butylbenzylphthalate	This result should be regarded as high biased (J+) because surrogate recoveries were greater than specified upper limits.

Table C-5.2-3 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
8280R	MD54-01-0014	54-15443	12-24	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UU) because surrogate recoveries were less than specified limits.
8280R	MD54-01-0015	54-15444	0-0.83	SVOCs	Dimethyl phthalate	This result should be regarded as biased low (J-) because the surrogate recovery was very low, and the result is a detect.
8280R	MD54-01-0015 MD54-01-0016 MD54-01-0017 MD54-01-0019 MD54-01-0020	54-15444 54-15444 54-15445 54-15446 54-15446	0-0.83 0.83-1.33 0-0.58 0-1 1-2	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UU) because surrogate recoveries were less than specified limits.
8280R	MD54-01-0018	54-15445	1.08-1.58	SVOCs	Dinitrophenol[2,4-]	Reporting limit for this analyte should be regarded as estimated (UU) because the initial calibration criteria were not met.
8280R	MD54-01-0018	54-15445	1.08-1.58	SVOCs	Hexachlorocyclopentadiene	Reporting limit for this analyte should be regarded as estimated (UU) because the initial calibration criteria were not met.
8280R	MD54-01-0018	54-15445	1.08-1.58	SVOCs	Benzoic acid	Reporting limit for this analyte should be regarded as estimated (UU) because the initial calibration criteria were not met.
8280R	MD54-01-0056	54-15443	0-1	SVOCs	Acenaphthylene Acenaphthene Chloro-3-methylphenol[4-] Aniline Benzo(a)pyrene Benzo(b)fluoranthene Nitrobenzene Nitroaniline[4-] Phenol Nitrophenol[4-] Methylphenol[4-] Chloroaniline[4-] Nitroaniline[3-] Di-n-octylphthalate Methylnaphthalene[2-] Nitroso-di-n-propylamine[N-] Methylphenol[2-] Nitroaniline[2-] Nitrophenol[2-] Chlorophenyl-phenyl[4-] ether Hexachloroethane Benzo(g,h,i)perylene Benzo(k)fluoranthene Benzoic acid Benzyl alcohol Bis(2-chloroethoxy)methane Bis(2-chloroethyl)ether Naphthalene	Reporting limits for these analytes should be regarded as estimated (UU) because their associated internal standard recoveries were low.

Table C-5.2-3 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
8280R (cont.)	MD54-01-0056	54-15443	0-1	SVOCs	Indeno(1,2,3-cd)pyrene Isophorone Dibenz(a,h)anthracene Hexachlorocyclopentadiene Hexachlorobutadiene Fluorene Dimethyl phthalate Diethylphthalate Chlorophenol[2-] Dibenzofuran oxybis(1-chloropropane)[2,2'-] Nitrosodimethylamine[N-] Dichlorobenzene[1,4-] Trichlorophenol[2,4,6-] Trichlorobenzene[1,2,4-] Dichlorobenzene[1,3-] Chloronaphthalene[2-] Trichlorophenol[2,4,5-] Dichlorophenol[2,4-] Dimethylphenol[2,4-] Dinitrophenol[2,4-] Dinitrotoluene[2,4-] Dinitrotoluene[2,6-] Dichlorobenzene[1,2-]	
8280R	MD54-01-0057	54-15443	0-1	SVOCs	Dibenzofuran Fluoranthene Dimethyl phthalate Diethylphthalate Dibenz(a,h)anthracene Di-n-octylphthalate Pyrene Chrysene Hexachlorobutadiene Di-n-butylphthalate Fluorene Hexachlorobenzene Benzo(a)anthracene Benzo(a)pyrene Benzo(g,h,i)perylene Bis(2-chloroethyl)ether Hexachlorocyclopentadiene Benzyl alcohol Benzo(k)fluoranthene Benzoic Acid Azobenzene Indeno(1,2,3-cd)pyrene Benzo(b)fluoranthene Methylphenol[4-] Nitrophenol[2-] Dichlorobenzidine[3,3'-] Nitroaniline[3-] Dinitro-2-methylphenol[4,6-] Bromophenyl-phenylether[4-] Chloro-3-methylphenol[4-] Butylbenzylphthalate Chlorophenyl-phenyl[4-] ether Methyl-naphthalene[2-] Nitroaniline[4-] Nitrophenol[4-]	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than specified limits.



Table C-5.2-3 (continued)

Request	Sample ID	Location	Depth (ft)	Analytical Suite	Analyte	Request
8280R (cont.)	MD54-01-0057	54-15443	0-1	SVOCs	Acenaphthylene Aniline Anthracene Chloronaphthalene(4-) Dichloropheno(2,4-) Bis(2-chloroethoxy)methane Trichlorobenzene(1,2,4-) Dichlorobenzene(1,2-) Dichlorobenzene(1,3-) Dichlorobenzene(1,4-) Oxide(1- chloropropene)(2,2-) Nitroaniline(2-) Trichloropheno(2,4,6-) Methylpheno(2-) Dimethylpheno(2,4-) Dinitrophenol(2,4-) Dinitrotoluene(2,4-) Dinitrotoluene(2,6-) Chloronaphthalene(2-) Chloropheno(2-) Bis(2-ethylhexyl)phthalate Trichloropheno(2,4,5-) Nitrosodimethylamine(N-) Hexachlorocyclopentadiene Isophorone Nitroso-d-n-propylamine(N-) Nitrosodiphenylamine(N-) Naphthalene Nitrobenzene Pentachlorophenol Phenanthrene Phenol	
8156R	MD54-00-0094 MD54-00-0095 MD54-00-0096 MD54-00-0097 MD54-00-0098 MD54-00-0099 MD54-00-0100 MD54-00-0101 MD54-00-0107 MD54-00-0154	54-15437 54-15438 54-15439 54-15440 54-15440 54-15440 54-15440 54-15440 54-15440 54-15440 54-15440	5-5 5.67-6 5-6 7-8 5-5.83 5.83-6.08 5-5.67 5.67-6 5-5.67 5.67-6 5-5.67 5-5.67	VOCs	Dichloroethene(1,1-)	The reporting limit for this analyte should be regarded as estimated (LL) because low standard recovery indicates potential false negative results.
8156R	MD54-00-0094 MD54-00-0095 MD54-00-0096 MD54-00-0098 MD54-00-0099 MD54-00-0100 MD54-00-0107 MD54-00-0154	54-15437 54-15437 54-15438 54-15439 54-15439 54-15439 54-15440 54-15440 54-15440 54-15440 54-15440 54-15440	5-5 5.67-6 5-6 7-8 5-5.83 5.83-6.08 5-5.67 5.67-6 5-5.67 5.67-6 5-5.67 5-5.67	VOCs	Trichlorofluoromethane Bromomethane Chloromethane Acetone Dichlorodifluoromethane	Reporting limits for these analytes should be regarded as estimated (LL) because initial calibration criteria were not met.
8156R	MD54-00-0097 MD54-00-0098 MD54-00-0099 MD54-00-0100 MD54-00-0107 MD54-00-0154	54-15438 54-15438 54-15438 54-15439 54-15440 54-15440	7-8 5-5.67 5-5.67 5-5.67 5-5.67 5-5.67	VOCs	Dichlorodifluoromethane Bromomethane Chloromethane Acetone Dichlorodifluoromethane	Reporting limits for these analytes should be regarded as estimated (LL) because initial calibration criteria were not met.
8156R	MD54-00-0100 54-15440	54-15440 54-15440	5-5.67 5-5.67	VOCs	Toluene	The result for this analyte should be regarded as estimated (J) because it was less than the practical quantitation limit.

Table C-5.2-3 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
8156R	MD54-00-0100	54-15440	5-5.67	VOCs	Trichlorofluoromethane	The reporting limit for this analyte should be regarded as estimated (UJ) because initial calibration criteria were not met.
8156R	MD54-00-0100	54-15440	5-5.67	VOCs	Dichlorodifluoromethane Chloromethane Bromomethane Acetone	Reporting limits for these analytes should be regarded as estimated (UJ) because initial calibration criteria were not met.
8156R	MD54-00-0107	54-15440	5.67-6	VOCs	Isopropyltoluene[4-]	The result for this analyte should be regarded as estimated (J) because it was less than the practical quantitation limit.
8156R	MD54-00-0101 MD54-00-0154	54-15440 54-15440	5.67-6 5-5.67	VOCs	Dichlorodifluoromethane Chloromethane Bromomethane Acetone Trichlorofluoromethane	Reporting limits for these analytes should be regarded as estimated (UJ) because initial calibration criteria were not met.
8159R	MD54-00-0102 MD54-00-0103 MD54-00-0104 MD54-00-0105	54-15441 54-15441 54-15442 54-15442	5.33-5.67 5.67-5.83 4.67-5 5.17-5.33	VOCs	Acetone Trichlorofluoromethane Methylene chloride Dichloroethene[1,1-] Bromomethane Chloroethane Chloromethane Dichlorodifluoromethane Iodomethane	Reporting limits for these analytes should be regarded as estimated (UJ) because initial calibration criteria were not met.
8280R	MD54-01-0014	54-15443	12-24	VOCs	Butanone[2-] Acetone Chloroethane Bromomethane	Reporting limits for these analytes should be regarded as estimated (UJ) because initial calibration criteria were not met.
8280R	MD54-01-0015	54-15444	0-0.83	VOCs	Acetone Bromomethane	Reporting limits for these analytes should be regarded as estimated (UJ) because initial calibration criteria were not met.
8280R	MD54-01-0015 MD54-01-0016 MD54-01-0017 MD54-01-0057	54-15444 54-15444 54-15445 54-15443	0-0.83 0.83-1.33 0-0.58 0-1	VOCs	Butanone[2-]	The reporting limit for this analyte should be regarded as estimated (UJ or J) because initial calibration criteria were not met.
8280R	MD54-01-0015	54-15444	0-0.83	VOCs	Chloroethane	The reporting limit for this analyte should be regarded as estimated (UJ) because initial calibration criteria were not met.
8280R	MD54-01-0016 MD54-01-0017	54-15444 54-15445	0.83-1.33 0-0.58	VOCs	Chloroethane Bromomethane	Reporting limits for these analytes should be regarded as estimated (UJ) because initial calibration criteria were not met.

Table C-5.2-3 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
8280R	MD54-01-0018 MD54-01-0017 MD54-01-0020 MD54-01-0057	54-15444 54-15445 54-15446 54-15443	0.83-1.33 0-0.58 1-2 0-1	VOCs	Acetone	The reporting limit for this analyte should be regarded as estimated (J) because initial calibration criteria were not met.
8280R	MD54-01-0018	54-15445	1.08-1.58	VOCs	Acetone Methyl-2-pentanone[4-]	Results should be regarded as biased high (J-) because surrogate recoveries were greater than specified upper limits.
8280R	MD54-01-0018 MD54-01-0020	54-15445 54-15446	1.08-1.58 1-2	VOCs	Bromomethane	The reporting limit for this analyte should be regarded as estimated (UJ) because initial calibration criteria were not met.
8280R	MD54-01-0019	54-15446	0-1	VOCs	Trichlorofluoromethane	The result for this analyte should be regarded as estimated (J) because it was less than the practical quantitation limit.
8280R	MD54-01-0019 MD54-01-0056	54-15446 54-15443	0-1 0-1	VOCs	Bromomethane Acetone	Reporting limits for these analytes should be regarded as estimated (UJ) because initial calibration criteria were not met.
8280R	MD54-01-0057	54-15443	0-1	VOCs	Carbon disulfide	The result for this analyte should be regarded as estimated (J) because it was less than the practical quantitation limit.
8280R	MD54-01-0057	54-15443	0-1	VOCs	Bromomethane Chloromethane	Reporting limits for these analytes should be regarded as estimated (UJ) because initial calibration criteria were not met.
8184R	MD54-01-0007 MD54-01-0008	54-15459 54-15459	4.5-5.33 7.25-7.33	VOCs	Acetone Bromomethane	Results for these analytes should be regarded as estimated (J) because initial calibration criteria were not met.
8184R	MD54-01-0007 MD54-01-0008	54-15459 54-15459	4.5-5.33 7.25-7.33	VOCs	Iodomethane	The reporting limit for this analyte should be regarded as estimated (UJ) because initial calibration criteria were not met.
8184R	MD54-01-0007 MD54-01-0008	54-15459 54-15459	4.5-5.33 7.25-7.33	VOCs	Carbon disulfide	The result for this analyte should be regarded as estimated (J) because it was less than the practical quantitation limit.
8278R	MD54-01-0043 MD54-01-0044 MD54-01-0045 MD54-01-0046 MD54-01-0047 MD54-01-0048 MD54-01-0049 MD54-01-0050	54-15433 54-15433 54-15434 54-15434 54-15435 54-15435 54-15436 54-15429	0-1 1-2 0-1 1-2 0-1 1-2 0-1 7-8	VOCs	Acetone	Reporting limit/results for this analyte should be regarded as estimated (UJ or J) because initial calibration criteria were not met.

Table C-5.2-3 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
8278R	MD54-01-0043 MD54-01-0045 MD54-01-0046	54-15433 54-15434 54-15434	0-1 0-1 1-2	VOCs	Bromomethane Butanone[2-]	Reporting limit/results for these analytes should be regarded as estimated (UJ or J) because initial calibration criteria were not met.
8278R	MD54-01-0043	54-15433	0-1	SVOCs	Benzoic acid Dinitrophenol[2,4-] Hexachlorocyclopentadiene	Reporting limits for these analytes should be regarded as estimated (UJ) because initial calibration criteria were not met.
8278R	MD54-01-0044	54-15433	1-2	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than specified limits.
8278R	MD54-01-0045 MD54-01-0046	54-15434 54-15434	0-1 1-2	SVOCs	Benzoic acid	The reporting limit for this analyte should be regarded as estimated (UJ) because initial calibration criteria were not met.
8278R	MD54-01-0045	54-15434	0-1	SVOCs	Dinitrophenol[2,4-] Hexachlorocyclopentadiene	Reporting limits for these analytes should be regarded as estimated (UJ) because initial calibration criteria were not met.
8278R	MD54-01-0047 MD54-01-0048 MD54-01-0049	54-15435 54-15435 54-15436	0-1 1-2 0-1	VOCs	Bromomethane	Reporting limit for this analyte should be regarded as estimated (UJ) because initial calibration criteria were not met.
8278R	MD54-01-0046	54-15434	1-2	SVOCs	Hexachlorocyclopentadiene Dinitrophenol[2,4-]	Reporting limits for these analytes should be regarded as estimated (UJ) because initial calibration criteria were not met.
8278R	MD54-01-0046	54-15434	1-2	VOCs	Bromobenzene Butylbenzene[n-] Butylbenzene[sec-] Butylbenzene[tert-] Chlorobenzene Chlorodibromomethane Chlorotoluene[2-] Chlorotoluene[4-] Dibromo-3-chloropropane[1,2-] Dichlorobenzene[1,2-] Dichlorobenzene[1,3-] Dichlorobenzene[1,4-] Dichloropropane[1,3-] Ethylbenzene Hexanone[2-] Isopropylbenzene Isopropyltoluene[4-] Propylbenzene[1-] Styrene Tetrachloroethane[1,1,1,2-] Tetrachloroethane[1,1,2,2-]	Reporting limits for these analytes should be regarded as estimated (UJ) because their associated internal standard recoveries were low.

Table C-5.2-3 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
8278R (cont.)	MD54-01-0048	54-15434	1-2	VOCs	Tetrachloroethene Trichloropropane[1,2,3-] Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-] Xylene (total)	
8278R	MD54-01-0047 MD54-01-0048 MD54-01-0049 MD54-01-0050	54-15435 54-15435 54-15438 54-15429	0-1 1-2 0-1 7-8	VOCs	Butanone[2-]	The reporting limit for this analyte should be regarded as estimated (UJ) because initial calibration criteria were not met.
8278R	MD54-01-0047	54-15435	0-1	SVOCs	Acenaphthene Acenaphthylene Aniline Anthracene Azobenzene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Benzoic Acid n-octylphthalate Dibenz(a,h)anthracene Dibenzofuran Dichlorobenzene[1,2-] Dichlorobenzene[1,3-] Dichlorobenzene[1,4-] Dichlorobenzidine[3,3'-] Dichlorophenol[2,4-] Diethylphthalate Dimethyl Phthalate Dimethylphenol[2,4-] Dinitro-2-methylphenol[4,6-] Dinitrophenol[2,4-] Dinitrotoluene[2,4-] Dinitrotoluene[2,6-] Fluoranthene Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclopentadiene Hexachloroethane Indeno(1,2,3-cd)pyrene Isophorone Methylnaphthalene[2-] Methylphenol[2-] Methylphenol[4-] Naphthalene Nitroaniline[2-] Nitroaniline[3-] Nitroaniline[4-] Nitrobenzene Nitrophenol[2-] Nitrophenol[4-] Nitroso-di-n-propylamine[N-] Nitrosodimethylamine[N-] Nitrosodiphenylamine[N-] Oxybis(1-chloropropane)[2,2'-]	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than specified limits.

Table C-5.2-3 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
8278R (cont.)	MD54-01-0047	54-15435	0-1	SVOCs	Pentachlorophenol Phenanthrene Phenol Pyrene Trichlorobenzene[1,2,4-] Trichlorophenol[2,4,5-] Trichlorophenol[2,4,6-]	
8278R	MD54-01-0048	54-15435	1-2	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than specified limits.
8278R	MD54-01-0049	54-15436	0-1	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than specified limits.
8278R	MD54-01-0050	54-15429	7-8	VOCs	Bromotorm	The reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.
8278R	MD54-01-0050	54-15429	7-8	VOCs	Bromomethane	The reporting limit for this analyte should be regarded as estimated (J) because initial calibration criteria were not met.
8278R	MD54-01-0050	54-15429	7-8	VOCs	Chlorobenzene	The reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.
8278R	MD54-01-0050	54-15429	7-8	VOCs	Dichloropropane[1,3-]	The reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.
8278R	MD54-01-0050	54-15429	7-8	VOCs	Chlorodibromomethane	The reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.
8278R	MD54-01-0050	54-15429	7-8	VOCs	Ethylbenzene	The reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.
8278R	MD54-01-0050	54-15429	7-8	VOCs	Hexanone[2-]	The reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.
8278R	MD54-01-0050	54-15429	7-8	VOCs	Styrene	The reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.

Table C-5.2-3 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
8278R	MD54-01-0050	54-15429	7-8	VOCs	Tetrachloroethane[1,1,1,2-]	The reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.
8278R	MD54-01-0050	54-15429	7-8	VOCs	Tetrachloroethene	The reporting limit for this analyte should be regarded as estimated (UJ) because its associated internal standard recoveries were low.
8278R	MD54-01-0050	54-15429	7-8	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than specified limits.
8314R	MD54-01-0033 MD54-01-0034 MD54-01-0036 MD54-01-0039 MD54-01-0041 MD54-01-0051	54-15428 54-15428 54-15429 54-15431 54-15432 54-15429	5.3-6 7-7.33 7-8 5.33-6 5.55-6 7-7.83	VOCs	Acetone	Reporting limits/results for this analyte should be regarded as estimated (UJ or J) because initial calibration criteria were not met.
8314R	MD54-01-0037	54-15430	5.33-6	VOCs	Acetone Bromobenzene Butylbenzene[n-] Butylbenzene[sec-] Butylbenzene[tert-] Chlorotoluene[2-] Dichlorobenzene[1,2-] Dichlorobenzene[1,3-] Dichlorobenzene[1,4-] Isopropylbenzene Trichloropropane[1,2,3-] Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	Reporting limits for these analytes should be regarded as estimated (UJ) because associated internal standard recoveries were low.
8314R	MD54-01-0038	54-15430	7.33-8	VOCs	Acetone Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	Reporting limits for these analytes should be regarded as estimated (UJ) because associated internal standard recoveries were low.
8314R	MD54-01-0033 MD54-01-0034 MD54-01-0035	54-15428 54-15428 54-15429	5.3-6 7-7.33 5.5-6	SVOCs	Hexachloroethane	Reporting limits for these analytes should be regarded as estimated (J) because initial calibration criteria were not met.
8314R	MD54-01-0038	54-15429	7-8	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than specified limits.
8314R	MD54-01-0037	54-15430	5.33-6	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than specified limits.

Table C-5.2-3 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
8314R	MD54-01-0039	54-15-43T	5.33-6	SVOCs	Hexachloroethane	The reporting limit for this analyte should be regarded as estimated (J) because initial calibration criteria were not met.
8314R	MD54-01-0039	54-15-43T	5.33-6	SVOCs	Acenaphthene Acenaphthylene Aniline Anthracene Azobenzene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Benzoic acid Benzyl alcohol Bis(2-chloroethoxy)methane Bis(2-chloroethyl)ether Bis(2-ethylhexyl)phthalate Bromophenyl-phenylether[4-] Butylbenzylphthalate Chloro-3-methylphenol[4-] Chloroaniline[4-] Chloronaphthalene[2-] Chlorophenol[2-] Chlorophenyl-phenyl[4-] ether Chrysene Di-n-butylphthalate Di-n-octylphthalate Dibenz(a,h)anthracene Dibenzofuran Dichlorobenzene[1,2-] Dichlorobenzene[1,3-] Dichlorobenzene[1,4-] Dichlorobenzidine[3,3'-] Dichlorophenol[2,4-] Diethylphthalate Dimethyl phthalate Dimethylphenol[2,4-] Dinitro-2-methylphenol[4,6-] Dinitrophenol[2,4-] Dinitrotoluene[2,4-] Dinitrotoluene[2,6-] Fluoranthene Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclopentadiene Hexachloroethane Indeno(1,2,3-cd)pyrene Isophorone Methylanthralene[2-] Methylphenol[2-] Methylphenol[4-] Naphthalene Nitroaniline[2-] Nitroaniline[3-]	Reporting limits for these analytes should be regarded as estimated (U) because surrogate recoveries were less than specified limits.



Table C-5.2-3 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Request
8314R (cont.)	MD54-01-0039	54-15431	5.33-6	SVOCs	Nitroaniline[4-] Nitrobenzene Nitrophenol[2-] Nitrophenol[4-] Nitroso-di-n-propylamine[N-] Nitrosodimethylamine[N-] Nitrosodiphenylamine[N-] Oxybis (1-chloropropane)[2,2'-] Pentachlorophenol Phenanthrene Phenol Pyrene	
8314R	MD54-01-0040	54-15431	7-8	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than specified limits.
8314R	MD54-01-0041	54-15432	5.55-6	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than specified limits.
8314R	MD54-01-0042	54-15432	7-7.83	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than specified limits.
8314R	MD54-01-0051	54-15429	7-7.83	SVOCs	All target analytes	Reporting limits for these analytes should be regarded as estimated (UJ) because surrogate recoveries were less than specified limits.

\* n/a = not applicable. There are no location IDs for septic tanks.

### C-5.3 Radionuclide Data Review

Samples qualified by Laboratory validation are shown in Table C-5.3-1, with an explanation for each Laboratory qualifier applied to particular analytes for listed sample numbers. No major QA/QC problems were encountered in the analysis of these samples.

Table C-5.3-1 lists radionuclides qualified as nondetected (U) because results were less than the minimum detectable activity and those qualified because the result was less than three times the 1-sigma total propagated uncertainty.

**Table C-5.3-1**  
**PRS 54-007(c)-99 Radionuclide Data Quality Evaluation, 2000/2001 VCA Data**

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Explanation
7189R	MD54-00-0045	n/a*	Sludge	Gamma-emitting radionuclides	Cesium-134 Cesium-137 Cobalt-60 Europium-152 Ruthenium-106 Sodium-22	The results for these analytes should be regarded as not detected (U) because the results were less than the minimum detectable concentration.
7189R	MD54-00-0045	n/a	Sludge	Tritium	Tritium	The result for this analyte should be regarded as not detected (U) because the result was less than the minimum detectable concentration.
7189R	MD54-00-0045	n/a	Sludge	Isotopic plutonium	Plutonium-238 Plutonium-239	The results for these analytes should be regarded as not detected (U) because the results were less than the minimum detectable concentration.
7189R	MD54-00-0045	n/a	Sludge	Isotopic uranium	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result was less than the minimum detectable concentration.
7193R	MD54-00-0047	n/a	Sludge	Gamma-emitting radionuclides	Americium-241 Cesium-134 Cesium-137 Cobalt-60 Europium-152 Ruthenium-106 Sodium-22	The results for these analytes should be regarded as not detected (U) because the results were less than the minimum detectable concentration.
7193R	MD54-00-0047	n/a	Sludge	Tritium	Tritium	The result for this analyte should be regarded as not detected (U) because the result was less than the minimum detectable concentration.
7193R	MD54-00-0047	n/a	Sludge	Isotopic plutonium	Plutonium-238 Plutonium-239	The results for these analytes should be regarded as not detected (U) because the results were less than the minimum detectable concentration.
7193R	MD54-00-0047	n/a	Sludge	Isotopic uranium	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result was less than the minimum detectable concentration.
8158R	MD54-00-0094 MD54-00-0095 MD54-00-0096 MD54-00-0097 MD54-00-0098 MD54-00-0099 MD54-00-0100 MD54-00-0101 MD54-00-0154	54-15437 54-15437 54-15438 54-15438 54-15439 54-15439 54-15440 54-15440 54-15440	5-5.5 5.67-6 5-6 7-8 5-5.83 5.83-6.08 5-5.67 5.67-6 5-5.67	Strontium-90	Strontium-90	The result for this analyte should be regarded as not detected (U) because it was less than three times the 1-sigma total propagated uncertainty.
8161R	MD54-00-0102 MD54-00-0103 MD54-00-0104 MD54-00-0105	54-15441 54-15441 54-15442 54-15442	5.33-5.67 5.67-5.83 4.67-5 5.17-5.33	Strontium-90	Strontium-90	The result for this analyte should be regarded as not detected (U) because it was less than three times the 1-sigma total propagated uncertainty.

Table C-5.3-1 (continued)

Request	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Explanation
8282R	MD54-01-0014	54-15443	12-24	Strontium-90	Strontium-90	The result for this analyte should be regarded as not detected (U) because it was less than three times the 1-sigma total propagated uncertainty
	MD54-01-0015	54-15444	0-0.83			
	MD54-01-0016	54-15444	0.83-1.33			
	MD54-01-0017	54-15445	0-0.58			
	MD54-01-0018	54-15445	1.08-1.58			
	MD54-01-0019	54-15446	0-1			
	MD54-01-0020	54-15446	1-2			
	MD54-01-0056	54-15443	0-1			
	MD54-01-0057	54-15443	0-1			
8186R	MD54-01-0007	54-15459	4.5-5.33	Strontium-90	Strontium-90	Results for this analyte should be regarded as not detected (U) because they were less than three times the 1-sigma total propagated uncertainty.
	MD54-01-0008	54-15459	7.25-7.33			
8293R	MD54-01-0058	54-15433	0-1	Strontium-90	Strontium-90	Results for this analyte should be regarded as not detected (U) because they were less than three times the 1-sigma total propagated uncertainty.
	MD54-01-0059	54-15433	1-2			
	MD54-01-0060	54-15434	0-1			
	MD54-01-0061	54-15434	1-2			
	MD54-01-0062	54-15435	0-1			
	MD54-01-0063	54-15435	1-2			
	MD54-01-0064	54-15436	0-1			
	MD54-01-0065	54-15436	1-2			
8318R	MD54-01-0033	54-15428	5.33-6	Strontium-90	Strontium-90	Results for this analyte should be regarded as not detected (U) because they were less than three times the 1-sigma total propagated uncertainty.
	MD54-01-0034	54-15428	7-7.33			
	MD54-01-0035	54-15429	5.5-6			
	MD54-01-0036	54-15429	7-8			
	MD54-01-0037	54-15430	5.33-6			
	MD54-01-0038	54-15430	7.33-8			
	MD54-01-0039	54-15431	5.33-6			
	MD54-01-0040	54-15431	7-8			
	MD54-01-0041	54-15432	5.33-6			
	MD54-01-0042	54-15432	7-7.83			
	MD54-01-0051	54-15429	7-8			

\* n/a = not applicable. There are no location IDs for septic tanks.

## C-6.0 REFERENCES

The following list includes all references cited in this appendix. Parenthetical information following each reference provides the author, publication date, and the ER ID number. This information also is included in the citations in the text. ER ID numbers are assigned by the Laboratory's ER Project to track records associated with the Project. These numbers can be used to locate copies of the actual documents at the ER Project's Records Processing Facility and, where applicable, with the ER Project reference library titled "Reference Set for Material Disposal Areas, Technical Area 54."

Copies of the reference library are maintained at the New Mexico Environment Department Hazardous Waste Bureau; the US Department of Energy Los Alamos Area Office; United States Environmental Protection Agency, Region VI; and the ER Project Material Disposal Areas Focus Area. This library is a living collection of documents that was developed to ensure that the administrative authority has all the necessary material to review the decisions and actions proposed in this document. However, documents previously submitted to the administrative authority are not included.

EPA (US Environmental Protection Agency, December 1996. "Test Methods for Evaluating Solid Waste Laboratory Manual, Physical/Chemical Methods, SW-846 Third Edition, Update III, Revision 4, Washington, DC. (EPA 1996, 57589)

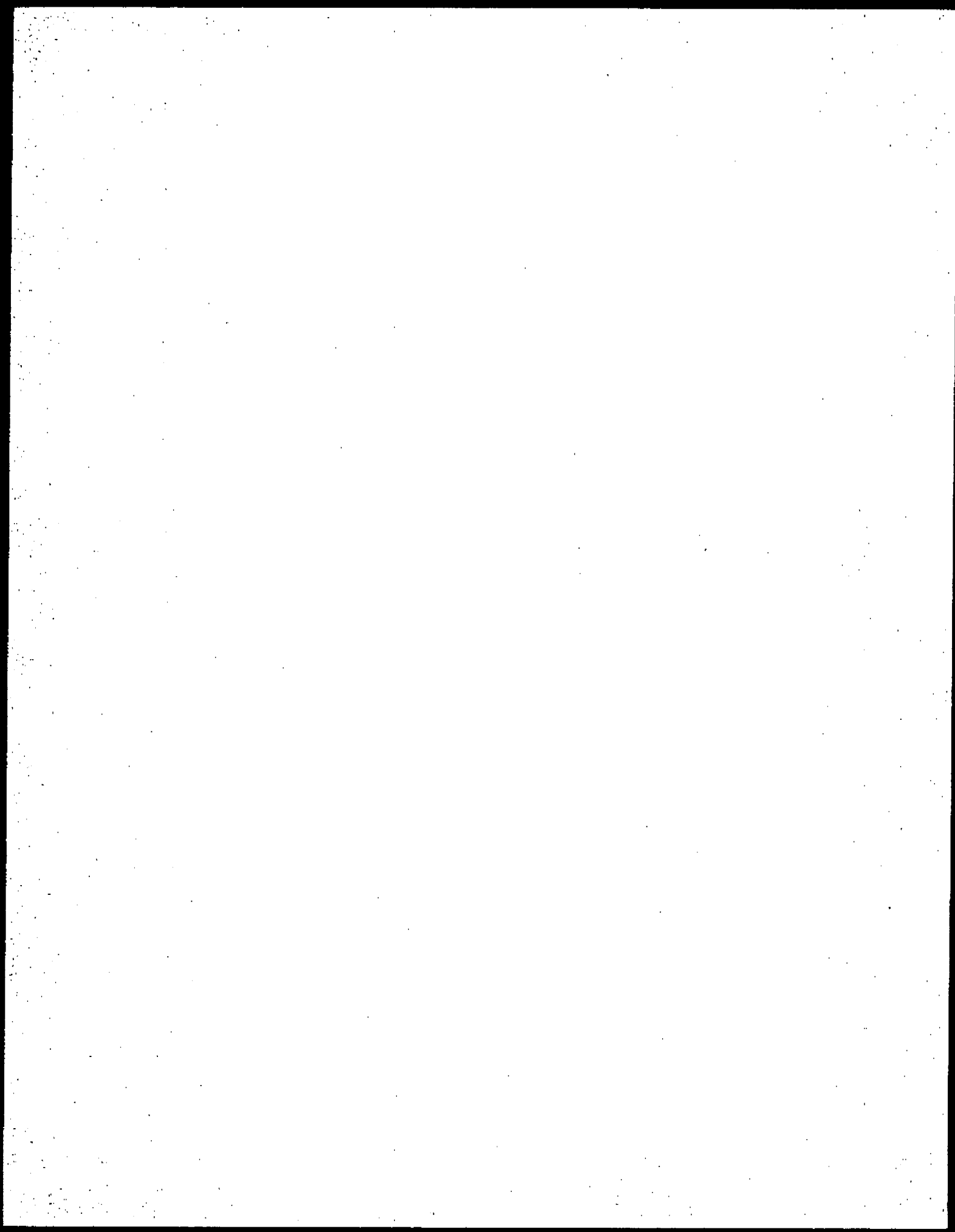
LANL (Los Alamos National Laboratory), July 1995. "Statement of Work-Analytical Support," Revision 2, RFP No. 9-XS1-Q4257, Los Alamos, New Mexico. (LANL 1995, 49738)

LANL (Los Alamos National Laboratory), 1996. "Quality Assurance Project Plan Requirements for Sampling and Analysis," Los Alamos National Laboratory report LA-UR-96-441, Los Alamos, New Mexico. (LANL 1996, 54609)

## Appendix D

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### *Analytical Suites and Results*



## APPENDIX D ANALYTICAL SUITES AND RESULTS

### D-1.0 TARGET ANALYTES AND DETECTION LIMITS

Tables D-1.0-1 through D-1.0-3 include the minimum required detection limits or quantitation limits, as prescribed in the Environmental Restoration Project analytical services statement of work for contract laboratories (LANL 1995, 49738) and the "Quality Assurance Project Plan Requirements for Sampling and Analysis" (LANL 1996, 54609). In most cases, the reporting limits for the analytes were significantly lower than the detection or quantitation limits in these tables. The sample-specific detection or quantitation limits for each analyte are accessible in the Facility for Information, Management, Analysis, and Display database. In addition, summary tables presented in Sections 2.3, 2.4, 3.3, and 3.4 also include these limits, as appropriate.

Efforts were made to ensure that detection limits for inorganic analytes were below Los Alamos National Laboratory (the Laboratory) background values (BVs). Instances in which the detection limits were greater than BVs are noted and discussed in Section 2.4.3 of this report.

**Table D-1.0-1**  
**Target Analytes and Estimated Detection Limits for Inorganic Chemical Analyses**

Analyte	EPA* Sample Preparation Method	Analytical Technique	EDL <sup>b</sup> (mg/kg)
Aluminum	3050A	ICPES <sup>c</sup>	40
Antimony	3050A	ICPES	12
Arsenic	7060/3050A	ICPES/GFAA <sup>d</sup>	2
Barium	3050A	ICPES	40
Beryllium	3050A	ICPES	1
Cadmium	3050A	ICPES	1
Calcium	3050A	ICPES	1000
Chromium	3050A	ICPES	2
Cobalt	3050A	ICPES	10
Copper	3050A	ICPES	5
Cyanide	9012	Colorimetric	0.05
Iron	3050A	ICPES	20
Lead	7421/3050A	ICPES/ICPMS <sup>e</sup>	0.6
Magnesium	3050A	ICPES	1000
Manganese	3050A	ICPES	3
Mercury	7471	CVAA <sup>f</sup>	0.1
Nickel	3050A	ICPES	8
Potassium	3050A	ICPES	1000
Selenium	7740/3050A	ICPES/GFAA	1
Silver	3050A	ICPES	2
Sodium	3050A	ICPES	1000

Table D-1.0-1 (continued)

Analyte	EPA Sample Preparation Method	Analytical Technique	EDL (mg/kg)
Thallium	7841/3050A	ICPES/GFAA/ICPMS	2
Vanadium	3050A	ICPES	10
Zinc	3050A	ICPES	4

\*EPA = US Environmental Protection Agency.

\*EDL = estimated detection limit.

\*ICPES = inductively coupled plasma emission spectroscopy by EPA SW-846 Method 6010.

\*GFAA = graphite furnace atomic absorption.

\*ICPMS = inductively coupled plasma mass spectrometry by EPA SW-846 Method 6020.

\*CVAA = cold vapor atomic absorption.

Table D-1.0-2

**Target Analytes and Estimated Quantitation Limits  
for Volatile Organic Compound Analyses**

Target Analyte	Soil/Solids EQL* (µg/kg)	Target Analyte	Soil/Solids EQL* (µg/kg)
Chloromethane	10	1,3-Dichloropropane	5
Vinyl chloride	10	Chlorodibromomethane	5
Bromomethane	10	4-Methyl-2-pentanone	20
Chloroethane	10	Toluene	5
Acetone	20	2-Hexanone	20
Dichlorodifluoromethane	10	1,2-Dibromomethane	5
Iodomethane	5	Tetrachloroethene	5
Trichlorotrifluoroethane	5	Chlorobenzene	5
Trichlorotrifluoromethane	5	1,1,1,2-Tetrachloroethane	5
Methyl chloride	5	Ethylbenzene	5
1,1-Dichloroethane	5	o,m,p-Xylene (mixed)	5
Carbon disulfide	5	Styrene	5
1,1-Dichloroethane	5	Bromoform	5
1,2-Dichloroethene (total)	10	1,1,2,2-Tetrachloroethane	5
Bromochloromethane	5	1,2,3-Trichloropropane	5
Chloroform	5	Isopropylbenzene	5
1,2-Dichloroethane	5	Bromobenzene	5
1,1-Dichloropropene	5	n-Propylbenzene	5
2-Butanone	20	2-Chlorotoluene	5
2,2-Dichloropropane	5	4-Chlorotoluene	5
1,1,1-Trichloroethane	5	1,3,5-Trimethylbenzene	5
Carbon tetrachloride	5	tert-Butylbenzene	5
Benzene	5	1,2,4-Trimethylbenzene	5
1,2-Dichloropropane	5	Sec.-Butylbenzene	5



Table D-1.0-2 (continued)

Target Analyte	Soil/Solids EQL* (µg/kg)	Target Analyte	Soil/Solids EQL* (µg/kg)
Trichloroethene	5	1,3-Dichlorobenzene	5
Dibromomethane	5	1,4-Dichlorobenzene	5
Bromodichloromethane	5	p-Isopropyltoluene	5
t-1,3-Dichloropropene	5	1,2-Dichlorobenzene	5
c-1,3-Dichloropropene	5	n-Butylbenzene	5
1,1,2-Trichloroethane	5	1,2-Dibromo-3-chloropropane	10

Note. All analyses were done by EPA contract laboratory program Method OLM2.0 or the equivalent EPA Method 8260. These methods are based on purge and trap sample extraction/concentration followed by gas chromatography/mass spectrometry.

\* EQL = estimated quantitation limit.

Table D-1.0-3  
Target Analytes EQLs for Polychlorinated Biphenyls Analyses

Analyte	Soil/Solids EQL (µg/kg)*
Aroclor-1016	33
Aroclor-1221	66
Aroclor-1232	33
Aroclor-1242	33
Aroclor-1248	33
Aroclor-1254	33
Aroclor-1260	33

Note. All analyses were done by EPA contract laboratory program Method OLM1.8 or the equivalent EPA Method 8081. These methods are based on solvent extraction, concentration, and gas chromatography/electron capture detection and quantitation.

\* EQLs for the samples are based on no gel permeation chromatography (GPC) cleanup being performed. The laboratories' GPC equipment determines the sample-specific EQL based on the volume of extract the GPC equipment uses. However, the laboratories are requested, if possible, to report sample-specific EQLs of no more than twice the value listed in the table.

## D-2.0 ANALYTE SUITES AND DATA SUMMARY

Table D-2.0-1 presents the 1995 Phase I Resource Conservation and Recovery Act facility investigation (RFI) analytical results for Potential Release Site (PRS) 54-007(c)-99. Table D-2.0-2 presents all analytical results for PRS 54-007(c)-99 from the 2001 voluntary corrective action (VCA). Table D-2.0-3 presents waste characterization results from 1995 and Fiscal Year 2000 septic tank sampling. The report qualifier U indicates the analyte was analyzed for but not detected and the reported value is the sample-specific EQL or EDL. The report qualifier J indicates the reported value should be regarded as estimated. The report qualifier J+ indicates the reported value should be regarded as estimated and biased high. The report qualifier UJ indicates the analyte was analyzed for but not detected and the reported value is an estimate of the sample-specific quantitation limit or detection limit.

**Table D-2.0-1**  
**Analytical Results for PRS 54-007(c)-99, 1995 RFI Data**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09217	0554-95-2028	3.17-4	Soil	Ethylbenzene	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Styrene	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Propylbenzene[1-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Butylbenzene[n-]	0.005	mg/kg	UJ
54-09217	0554-95-2028	3.17-4	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	UJ
54-09217	0554-95-2028	3.17-4	Soil	Dibromomethane[1,2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Methyl-2-pentanone[4-]	0.02	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Bromobenzene	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Toluene	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Chlorobenzene	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Chlorodibromomethane	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Tetrachloroethene	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Xylene (total)	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Carbon tetrachloride	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Hexanone[2-]	0.02	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Acetone	0.02	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Chloroform	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Benzene	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Bromomethane	0.01	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Chloromethane	0.01	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Iodomethane	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dibromomethane	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Bromochloromethane	0.005	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09217	0554-95-2028	3.17-4	Soil	Chloroethane	0.01	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Vinyl chloride	0.01	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Methylene chloride	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Carbon disulfide	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Bromoform	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Bromodichloromethane	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Trichlorofluoromethane	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichlorodifluoromethane	0.01	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Butanone[2-]	0.02	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Trichloroethene	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Xylene[1,2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Isopropylbenzene	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Heptachlor epoxide	0.0018	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Endosulfan sulfate	0.0035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Aroclor-1260	0.035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Aroclor-1254	0.035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Aroclor-1221	0.07	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Aroclor-1232	0.035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Aroclor-1248	0.035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Aroclor-1016	0.035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Aldrin	0.0018	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	BHC[alpha-]	0.0018	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	BHC[beta-]	0.0018	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	BHC[delta-]	0.0018	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Endosulfan II	0.0035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	DDT[4,4'-]	0.0035	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09217	0554-95-2028	3.17-4	Soil	Chlordane[alpha-]	0.0018	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Chlordane[gamma-]	0.0018	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Aroclor-1242	0.035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Endrin ketone	0.0035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	BHC[gamma-]	0.0018	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dieldrin	0.0035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Endrin	0.0035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Methoxychlor[4,4'-]	0.018	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	DDD[4,4'-]	0.0035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	DDE[4,4'-]	0.0035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Endrin aldehyde	0.0035	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Heptachlor	0.0018	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Toxaphene (technical grade)	0.18	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Endosulfan I	0.0018	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Nitroaniline[4-]	0.71	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Nitrophenol[4-]	1.8	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Benzyl alcohol	0.71	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Azobenzene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dimethylphenol[2,4-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Methylphenol[4-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichlorobenzene[1,4-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Chloroaniline[4-]	0.71	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Phenol	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Bis(2-chloroethyl)ether	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Di-n-octylphthalate	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Hexachlorobenzene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Anthracene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichlorophenol[2,4-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dinitrotoluene[2,4-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Pyrene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dimethyl phthalate	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dibenzofuran	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Benzo(g,h,i)perylene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09217	0554-95-2028	3.17-4	Soil	Benzo(b)fluoranthene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Fluoranthene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Benzo(k)fluoranthene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Acenaphthylene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Chrysene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Benzo(a)pyrene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dinitrophenol[2,4-]	1.8	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dibenz(a,h)anthracene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichlorobenzene[1,3-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Benzo(a)anthracene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dinitrotoluene[2,6-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Aniline	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Nitrosodimethylamine[N-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Benzoic acid	1.8	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Hexachloroethane	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Hexachlorocyclopentadiene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Isophorone	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Acenaphthene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Diethylphthalate	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Di-n-butylphthalate	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Phenanthrene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Butylbenzylphthalate	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Fluorene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Hexachlorobutadiene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Pentachlorophenol	1.8	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Nitroaniline[2-]	1.8	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Nitrophenol[2-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Naphthalene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Methylnaphthalene[2-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Chloronaphthalene[2-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Methylphenol[2-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Dichlorobenzene[1,2-]	0.36	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09217	0554-95-2028	3.17-4	Soil	Chlorophenol[2-]	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Nitrobenzene	0.36	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Nitroaniline[3-]	1.8	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Mercury	0.05	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Cyanide, total	0.5	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Silver	0.91	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Aluminum	6830	mg/kg	None
54-09217	0554-95-2028	3.17-4	Soil	Barium	105	mg/kg	None
54-09217	0554-95-2028	3.17-4	Soil	Beryllium	1.1	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Calcium	2580	mg/kg	None
54-09217	0554-95-2028	3.17-4	Soil	Cadmium	0.7	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Cobalt	5	mg/kg	J
54-09217	0554-95-2028	3.17-4	Soil	Chromium, total	5.7	mg/kg	None
54-09217	0554-95-2028	3.17-4	Soil	Copper	6.8	mg/kg	None
54-09217	0554-95-2028	3.17-4	Soil	Iron	9360	mg/kg	None
54-09217	0554-95-2028	3.17-4	Soil	Potassium	992	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Magnesium	1580	mg/kg	None
54-09217	0554-95-2028	3.17-4	Soil	Manganese	306	mg/kg	None
54-09217	0554-95-2028	3.17-4	Soil	Sodium	137	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Nickel	6.8	mg/kg	J
54-09217	0554-95-2028	3.17-4	Soil	Lead	7.6	mg/kg	J-
54-09217	0554-95-2028	3.17-4	Soil	Antimony	9	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Selenium	0.34	mg/kg	UU
54-09217	0554-95-2028	3.17-4	Soil	Thallium	0.19	mg/kg	UU
54-09217	0554-95-2028	3.17-4	Soil	Vanadium	16.5	mg/kg	None
54-09217	0554-95-2028	3.17-4	Soil	Zinc	25.2	mg/kg	None
54-09217	0554-95-2028	3.17-4	Soil	Arsenic	0.73	mg/kg	U
54-09217	0554-95-2028	3.17-4	Soil	Actinium-228	1.75	pCi/g	None
54-09217	0554-95-2028	3.17-4	Soil	Americium-241	0.71	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Annihilation radiation	0.17	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Barium-140	0.32	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Bismuth-211	0.97	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Bismuth-212	0.65	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Bismuth-214	1.08	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Cadmium-109	3.26	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Corium-139	0.07	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Cerium-144	1.16	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Cobalt-57	0.03	pCi/g	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09217	0554-95-2028	3.17-4	Soil	Cobalt-60	0.1	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Cesium-134	0.08	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Cesium-137	0.04	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Europium-152	0.36	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Mercury-203	0.14	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Iodine-129	0.4	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Potassium-40	23.91	pCi/g	None
54-09217	0554-95-2028	3.17-4	Soil	Lanthanum-140	0.04	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Manganese-54	0.09	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Sodium-22	0.08	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Neptunium-237	0.97	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Protactinium-231	5.72	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Protactinium-233	0.23	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Protactinium-234M	10.6	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Lead-210	1.84	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Lead-211	2.94	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Lead-212	1.65	pCi/g	None
54-09217	0554-95-2028	3.17-4	Soil	Lead-214	0.97	pCi/g	None
54-09217	0554-95-2028	3.17-4	Soil	Radium-223	1.44	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Radium-224	3.91	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Radium-226	3.57	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Radon-219	1.54	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Ruthenium-106	0.62	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Selenium-75	0.27	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Tin-113	0.23	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Strontium-85	0.15	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Thorium-227	1.48	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Thorium-234	3.45	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Thallium-208	0.65	pCi/g	None
54-09217	0554-95-2028	3.17-4	Soil	Uranium-235	0.78	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Yttrium-88	0.03	pCi/g	U
54-09217	0554-95-2028	3.17-4	Soil	Zinc-65	0.06	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Ethylbenzene	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Styrene	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Propylbenzene[1-]	0.005	mg/kg	U

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Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09218	0554-95-2029	3.17-4	Soil	Butylbenzene[n-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Methyl-2-pentanone[4-]	0.02	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Bromobenzene	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Toluene	0.002	mg/kg	J
54-09218	0554-95-2029	3.17-4	Soil	Chlorobenzene	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chlorodibromomethane	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Tetrachloroethene	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Carbon tetrachloride	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Hexanone[2-]	0.02	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Acetone	0.02	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chloroform	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Benzene	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Bromomethane	0.01	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chloromethane	0.01	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Iodomethane	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dibromomethane	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Bromochloromethane	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chloroethane	0.01	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Vinyl chloride	0.01	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Methylene chloride	0.003	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Carbon disulfide	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Bromoform	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Bromodichloromethane	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U



**Table D-2.0-1 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09218	0554-95-2029	3.17-4	Soil	Trichlorofluoromethane	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichlorodifluoromethane	0.01	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Butanone[2-]	0.02	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Trichloroethene	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Xylene[1,2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Isopropylbenzene	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Xylene[1,3-]+xylene[1,4-]	0.005	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Heptachlor epoxide	0.0018	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Endosulfan sulfate	0.0035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Aroclor-1260	0.035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Aroclor-1254	0.035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Aroclor-1221	0.071	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Aroclor-1232	0.035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Aroclor-1248	0.035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Aroclor-1016	0.035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Aldnn	0.0018	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	BHC[alpha-]	0.0018	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	BHC[beta-]	0.0018	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	BHC[delta-]	0.0018	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Endosulfan II	0.0035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	DDT[4,4'-]	0.0035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chlordane[alpha-]	0.0018	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chlordane[gamma-]	0.0018	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Aroclor-1242	0.035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Endrin ketone	0.0035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	BHC[gamma-]	0.0018	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dieldrin	0.0035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Endnn	0.0035	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09218	0554-95-2029	3.17-4	Soil	Methoxychlor[4,4'-]	0.018	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	DDD[4,4'-]	0.0035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	DDE[4,4'-]	0.0035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Endrin aldehyde	0.0035	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Heptachlor	0.0018	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Toxaphene (technical grade)	0.18	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Endosulfan I	0.0018	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Nitroaniline[4-]	0.72	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Nitrophenol[4-]	1.8	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Benzyl alcohol	0.72	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Azobenzene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dimethylphenol[2,4-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Methylphenol[4-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichlorobenzene[1,4-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chloroaniline[4-]	0.72	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Phenol	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Bis(2-chloroethyl)ether	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Bis(2-ethylhexyl)phthalate	0.16	mg/kg	J
54-09218	0554-95-2029	3.17-4	Soil	Di-n-octylphthalate	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Hexachlorobenzene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Anthracene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichlorophenol[2,4-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dinitrotoluene[2,4-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Pyrene	0.038	mg/kg	J
54-09218	0554-95-2029	3.17-4	Soil	Dimethyl phthalate	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dibenzofuran	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Benzo(g,h,i)perylene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Benzo(b)fluoranthene	0.043	mg/kg	J
54-09218	0554-95-2029	3.17-4	Soil	Fluoranthene	0.048	mg/kg	J
54-09218	0554-95-2029	3.17-4	Soil	Benzo(k)fluoranthene	0.04	mg/kg	J
54-09218	0554-95-2029	3.17-4	Soil	Acenaphthylene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chrysene	0.036	mg/kg	J
54-09218	0554-95-2029	3.17-4	Soil	Benzo(a)pyrene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dinitrophenol[2,4-]	1.8	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09218	0554-95-2029	3.17-4	Soil	Dibenz(a,h)anthracene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichlorobenzene[1,3-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Benzo(a)anthracene	0.031	mg/kg	J
54-09218	0554-95-2029	3.17-4	Soil	Chloro-3-methylphenol[4-]	0.72	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dinitrotoluene[2,6-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Aniline	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Nitrosodimethylamine[N-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Benzoic acid	1.8	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Hexachloroethane	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Hexachlorocyclopentadiene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Isophorone	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Acenaphthene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Diethylphthalate	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Di-n-butylphthalate	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Phenanthrene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Butylbenzylphthalate	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Fluorene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Hexachlorobutadiene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Pentachlorophenol	1.8	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Nitroaniline[2-]	1.8	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Nitrophenol[2-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Naphthalene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Methylnaphthalene[2-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chloronaphthalene[2-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichlorobenzidine[3,3'-]	0.72	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Methylphenol[2-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Dichlorobenzene[1,2-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chlorophenol[2-]	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Nitrobenzene	0.36	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Nitroaniline[3-]	1.8	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Mercury	0.05	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Cyanide, total	0.5	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Silver	0.92	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09218	0554-95-2029	3.17-4	Soil	Aluminum	5080	mg/kg	None
54-09218	0554-95-2029	3.17-4	Soil	Barium	81.7	mg/kg	None
54-09218	0554-95-2029	3.17-4	Soil	Beryllium	0.83	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Calcium	2010	mg/kg	None
54-09218	0554-95-2029	3.17-4	Soil	Cadmium	0.71	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Cobalt	3.9	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Chromium, total	5.6	mg/kg	None
54-09218	0554-95-2029	3.17-4	Soil	Copper	9.2	mg/kg	None
54-09218	0554-95-2029	3.17-4	Soil	Iron	8250	mg/kg	None
54-09218	0554-95-2029	3.17-4	Soil	Potassium	867	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Magnesium	1160	mg/kg	None
54-09218	0554-95-2029	3.17-4	Soil	Manganese	242	mg/kg	None
54-09218	0554-95-2029	3.17-4	Soil	Sodium	76.8	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Nickel	4.7	mg/kg	J
54-09218	0554-95-2029	3.17-4	Soil	Lead	11.4	mg/kg	J-
54-09218	0554-95-2029	3.17-4	Soil	Antimony	9	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Selenium	0.33	mg/kg	UJ
54-09218	0554-95-2029	3.17-4	Soil	Thallium	0.19	mg/kg	UJ
54-09218	0554-95-2029	3.17-4	Soil	Vanadium	14.1	mg/kg	None
54-09218	0554-95-2029	3.17-4	Soil	Zinc	50.7	mg/kg	None
54-09218	0554-95-2029	3.17-4	Soil	Arsenic	0.71	mg/kg	U
54-09218	0554-95-2029	3.17-4	Soil	Actinium-228	0.32	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Americium-241	0.57	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Annihilation radiation	0.13	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Barium-140	0.27	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Bismuth-211	0.85	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Bismuth-212	0.69	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Bismuth-214	1.17	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Cadmium-109	2.58	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Cerium-139	0.06	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Cerium-144	0.9	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Cobalt-57	0.05	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Cobalt-60	0.06	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Cesium-134	0.08	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Cesium-137	0.07	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Europium-152	0.25	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Mercury-203	0.11	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Iodine-129	0.41	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Potassium-40	18.72	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09218	0554-95-2029	3.17-4	Soil	Lanthanum-140	0.04	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Manganese-54	0.05	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Sodium-22	0.03	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Neptunium-237	0.79	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Protactinium-231	3.37	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Protactinium-233	0.12	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Protactinium-234M	10.1	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Lead-210	1.59	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Lead-211	2.16	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Lead-212	0.99	pCi/g	None
54-09218	0554-95-2029	3.17-4	Soil	Lead-214	0.94	pCi/g	None
54-09218	0554-95-2029	3.17-4	Soil	Radium-223	0.91	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Radium-224	3.12	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Radium-226	2.35	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Radon-219	1.05	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Ruthenium-106	0.49	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Selenium-75	0.04	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Tin-113	0.12	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Strontium-85	0.11	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Thorium-227	1.21	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Thorium-234	2.88	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Thallium-208	0.5	pCi/g	None
54-09218	0554-95-2029	3.17-4	Soil	Uranium-235	0.67	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Yttrium-88	0.02	pCi/g	U
54-09218	0554-95-2029	3.17-4	Soil	Zinc-65	0.1	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Ethylbenzene	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Styrene	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichloropropane[cis-1,3-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichloropropane[trans-1,3-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Methyl-2-pentanone[4-]	0.02	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09219	0554-95-2030	4.33-5	Soil	Bromobenzene	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Toluene	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chlorobenzene	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chlorodibromomethane	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Tetrachloroethene	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Carbon tetrachloride	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Hexanone[2-]	0.02	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Acetone	0.02	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chloroform	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Benzene	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Bromomethane	0.01	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chloromethane	0.01	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Iodomethane	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dibromomethane	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Bromochloromethane	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chloroethane	0.01	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Vinyl chloride	0.01	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Methylene chloride	0.003	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Carbon disulfide	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Bromoform	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Bromodichloromethane	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichlorodifluoromethane	0.01	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Butanone[2-]	0.02	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Trichloroethene	0.005	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09219	0554-95-2030	4.33-5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Xylene[1,2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Isopropylbenzene	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Xylene[1,3-]+xylene[1,4-]	0.005	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Heptachlor epoxide	0.0017	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Endosulfan sulfate	0.0034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Aroclor-1260	0.034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Aroclor-1254	0.034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Aroclor-1221	0.068	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Aroclor-1232	0.034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Aroclor-1248	0.034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Aroclor-1016	0.034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Aldrin	0.0017	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	BHC[alpha-]	0.0017	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	BHC[beta-]	0.0017	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	BHC[delta-]	0.0017	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Endosulfan II	0.0034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	DDT[4,4'-]	0.0034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chlordane[alpha-]	0.0017	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chlordane[gamma-]	0.0017	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Aroclor-1242	0.034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Endrin ketone	0.0034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	BHC[gamma-]	0.0017	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dieldrin	0.0034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Endrin	0.0034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Methoxychlor[4,4'-]	0.017	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	DDD[4,4'-]	0.0034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	DDE[4,4'-]	0.0034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Endrin aldehyde	0.0034	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Heptachlor	0.0017	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Toxaphene (technical grade)	0.17	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Endosulfan I	0.0017	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09219	0554-95-2030	4.33-5	Soil	Nitroaniline[4-]	0.68	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Nitrophenol[4-]	1.7	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Benzyl Alcohol	0.68	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Azobenzene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Methylphenol[4-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chloroaniline[4-]	0.68	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Phenol	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Di-n-octylphthalate	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Hexachlorobenzene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Anthracene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Pyrene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dimethyl phthalate	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dibenzofuran	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Benzo(b)fluoranthene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Fluoranthene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Benzo(k)fluoranthene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Acenaphthylene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chrysene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Benzo(a)pyrene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Benzo(a)anthracene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chloro-3-methylphenol[4-]	0.68	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Aniline	0.34	mg/kg	U



**Table D-2.0-1 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09219	0554-95-2030	4.33-5	Soil	Nitrosodimethylamine[N-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Benzoic acid	1.7	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Hexachloroethane	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Hexachlorocyclopentadiene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Isophorone	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Aconaphthene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Diethylphthalate	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Di-n-butylphthalate	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Phenanthrene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Butylbenzylphthalate	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Fluorene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Hexachlorobutadiene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Pentachlorophenol	1.7	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Nitroaniline[2-]	1.7	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Nitrophenol[2-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Naphthalene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Methylnaphthalene[2-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chloronaphthalene[2-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichlorobenzidine[3,3'-]	0.68	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Methylphenol[2-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chlorophenol[2-]	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Nitrobenzene	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Nitroaniline[3-]	1.7	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Mercury	0.05	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Cyanide, total	0.5	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Silver	0.87	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Aluminum	1480	mg/kg	None
54-09219	0554-95-2030	4.33-5	Soil	Barium	74.4	mg/kg	None
54-09219	0554-95-2030	4.33-5	Soil	Beryllium	0.34	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Calcium	5550	mg/kg	None
54-09219	0554-95-2030	4.33-5	Soil	Cadmium	0.68	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Cobalt	2.7	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Chromium, total	4.1	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09219	0554-95-2030	4.33-5	Soil	Copper	4.8	mg/kg	J
54-09219	0554-95-2030	4.33-5	Soil	Iron	6190	mg/kg	None
54-09219	0554-95-2030	4.33-5	Soil	Potassium	455	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Magnesium	719	mg/kg	J
54-09219	0554-95-2030	4.33-5	Soil	Manganese	145	mg/kg	None
54-09219	0554-95-2030	4.33-5	Soil	Sodium	63.1	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Nickel	4.4	mg/kg	J
54-09219	0554-95-2030	4.33-5	Soil	Lead	2.3	mg/kg	J-
54-09219	0554-95-2030	4.33-5	Soil	Antimony	8.6	mg/kg	U
54-09219	0554-95-2030	4.33-5	Soil	Selenium	0.33	mg/kg	UU
54-09219	0554-95-2030	4.33-5	Soil	Thallium	0.18	mg/kg	UU
54-09219	0554-95-2030	4.33-5	Soil	Vanadium	14.4	mg/kg	None
54-09219	0554-95-2030	4.33-5	Soil	Zinc	38.3	mg/kg	None
54-09219	0554-95-2030	4.33-5	Soil	Arsenic	0.31	mg/kg	UU
54-09219	0554-95-2030	4.33-5	Soil	Actinium-228	0.28	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Americium-241	0.21	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Annihilation radiation	0.12	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Barium-140	0.17	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Bismuth-211	0.74	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Bismuth-212	1.22	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Bismuth-214	0.81	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Cadmium-109	2.33	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Cerium-139	0.1	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Cerium-144	0.76	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Cobalt-57	0.05	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Cobalt-60	0.08	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Cesium-134	0.07	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Cesium-137	0.07	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Europium-152	0.2	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Mercury-203	0.06	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Iodine-129	0.44	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Potassium-40	19.96	pCi/g	None
54-09219	0554-95-2030	4.33-5	Soil	Lanthanum-140	0.08	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Manganese-54	0.09	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Sodium-22	0.04	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Neptunium-237	0.69	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Protactinium-231	4.3	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Protactinium-233	0.16	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Protactinium-234M	8.13	pCi/g	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09219	0554-95-2030	4.33-5	Soil	Lead-210	1.58	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Lead-211	2.19	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Lead-212	0.64	pCi/g	None
54-09219	0554-95-2030	4.33-5	Soil	Lead-214	0.6	pCi/g	None
54-09219	0554-95-2030	4.33-5	Soil	Radium-223	1.95	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Radium-224	2.49	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Radium-226	2.14	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Radon-219	1.06	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Ruthenium-106	0.59	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Selenium-75	0.14	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Tin-113	0.07	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Strontium-85	0.11	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Thorium-227	0.93	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Thorium-234	2.53	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Thallium-208	0.41	pCi/g	None
54-09219	0554-95-2030	4.33-5	Soil	Uranium-235	0.52	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Yttrium-88	0.02	pCi/g	U
54-09219	0554-95-2030	4.33-5	Soil	Zinc-65	0.27	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Ethylbenzene	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Styrene	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Methyl-2-pentanone[4-]	0.02	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Bromobenzene	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Toluene	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chlorobenzene	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chlorodibromomethane	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Tetrachloroethene	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09219	0554-95-2031	4.33-5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Carbon tetrachloride	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Hexanone[2-]	0.02	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Acetone	0.02	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chloroform	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Benzene	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Bromomethane	0.01	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chloromethane	0.01	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Iodomethane	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dibromomethane	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Bromochloromethane	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chloroethane	0.01	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Vinyl chloride	0.01	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Methylene chloride	0.004	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Carbon disulfide	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Bromoform	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Bromodichloromethane	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichlorodifluoromethane	0.01	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Butanone[2-]	0.02	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Trichloroethene	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Xylene[1,2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U

**Table D-2.0-1 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09219	0554-95-2031	4.33-5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Isopropylbenzene	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.005	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Heptachlor epoxide	0.0017	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Endosulfan sulfate	0.0034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Aroclor-1260	0.034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Aroclor-1254	0.034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Aroclor-1221	0.068	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Aroclor-1232	0.034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Aroclor-1248	0.034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Aroclor-1016	0.034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Aldrin	0.0017	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	BHC[alpha-]	0.0017	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	BHC[beta-]	0.0017	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	BHC[delta-]	0.0017	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Endosulfan II	0.0034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	DDT[4,4'-]	0.0034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chlordane[alpha-]	0.0017	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chlordane[gamma-]	0.0017	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Aroclor-1242	0.034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Endrin ketone	0.0034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	BHC[gamma-]	0.0017	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dieldrin	0.0034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Endrin	0.0034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Methoxychlor[4,4'-]	0.017	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	DDD[4,4'-]	0.0034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	DDE[4,4'-]	0.0034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Endrin aldehyde	0.0034	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Heptachlor	0.0017	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Toxaphene (technical grade)	0.17	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Endosulfan I	0.0017	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Nitroaniline[4-]	0.68	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Nitrophenol[4-]	1.7	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Benzyl Alcohol	0.68	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Azobenzene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Methylphenol[4-]	0.34	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09219	0554-95-2031	4.33-5	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chloroanilino[4-]	0.68	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Phenol	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Di-n-octylphthalate	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Hexachlorobenzene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Anthracene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Pyrene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dimethyl phthalate	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dibenzofuran	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Benzo(b)fluoranthene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Fluoranthene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Benzo(k)fluoranthene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Acenaphthylene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chrysene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Benzo(a)pyrene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Benzo(a)anthracene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chloro-3-methylphenol[4-]	0.68	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Aniline	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Nitrosodimethylamine[N-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Benzoic acid	1.7	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Hexachloroethane	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Hexachlorocyclopentadiene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Isophorone	0.34	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09219	0554-95-2031	4.33-5	Soil	Acenaphthene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Diethylphthalate	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Di-n-butylphthalate	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Phenanthrene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Butylbenzylphthalate	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Fluorene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Hexachlorobutadiene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Pentachlorophenol	1.7	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Nitroaniline[2-]	1.7	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Nitrophenol[2-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Naphthalene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Methylnaphthalene[2-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chloronaphthalene[2-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichlorobenzidine[3,3'-]	0.68	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Methylphenol[2-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chlorophenol[2-]	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Nitrobenzene	0.34	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Nitroaniline[3-]	1.7	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Mercury	0.05	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Cyanide, total	0.5	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Silver	0.87	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Aluminum	1130	mg/kg	None
54-09219	0554-95-2031	4.33-5	Soil	Barium	47.1	mg/kg	None
54-09219	0554-95-2031	4.33-5	Soil	Beryllium	0.3	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Calcium	891	mg/kg	J
54-09219	0554-95-2031	4.33-5	Soil	Cadmium	0.68	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Cobalt	2	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Chromium, total	4	mg/kg	None
54-09219	0554-95-2031	4.33-5	Soil	Copper	3.3	mg/kg	J
54-09219	0554-95-2031	4.33-5	Soil	Iron	5500	mg/kg	None
54-09219	0554-95-2031	4.33-5	Soil	Potassium	338	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Magnesium	525	mg/kg	J
54-09219	0554-95-2031	4.33-5	Soil	Manganese	106	mg/kg	None
54-09219	0554-95-2031	4.33-5	Soil	Sodium	60.5	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Nickel	3	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09219	0554-95-2031	4.33-5	Soil	Lead	4	mg/kg	J-
54-09219	0554-95-2031	4.33-5	Soil	Antimony	8.6	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Selenium	0.33	mg/kg	UJ
54-09219	0554-95-2031	4.33-5	Soil	Thallium	0.18	mg/kg	UJ
54-09219	0554-95-2031	4.33-5	Soil	Vanadium	12.5	mg/kg	None
54-09219	0554-95-2031	4.33-5	Soil	Zinc	28.6	mg/kg	None
54-09219	0554-95-2031	4.33-5	Soil	Arsenic	0.45	mg/kg	U
54-09219	0554-95-2031	4.33-5	Soil	Actinium-228	1.17	pCi/g	None
54-09219	0554-95-2031	4.33-5	Soil	Americium-241	0.27	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Annihilation radiation	0.14	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Barium-140	0.22	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Bismuth-211	0.69	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Bismuth-212	1.27	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Bismuth-214	0.91	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Cadmium-109	2.45	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Cerium-139	0.06	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Cerium-144	0.9	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Cobalt-57	0.14	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Cobalt-60	0.06	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Cesium-134	0.03	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Cesium-137	0.1	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Europium-152	0.3	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Mercury-203	0.09	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Iodine-129	0.53	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Potassium-40	16.34	pCi/g	None
54-09219	0554-95-2031	4.33-5	Soil	Lanthanum-140	0.03	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Manganese-54	0.07	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Sodium-22	0.03	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Neptunium-237	0.74	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Protactinium-231	3.3	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Protactinium-233	0.11	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Protactinium-234M	6.78	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Lead-210	1.47	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Lead-211	3.92	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Lead-212	0.68	pCi/g	None
54-09219	0554-95-2031	4.33-5	Soil	Lead-214	0.49	pCi/g	None
54-09219	0554-95-2031	4.33-5	Soil	Radium-223	0.69	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Radium-224	2.77	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Radium-226	2.44	pCi/g	U



Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09219	0554-95-2031	4.33-5	Soil	Radon-219	1.93	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Ruthenium-106	0.29	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Selenium-75	0.1	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Tin-113	0.08	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Strontium-85	0.12	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Thorium-227	1.07	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Thorium-234	2.59	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Thallium-208	0.39	pCi/g	None
54-09219	0554-95-2031	4.33-5	Soil	Uranium-235	0.63	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Yttrium-88	0.01	pCi/g	U
54-09219	0554-95-2031	4.33-5	Soil	Zinc-65	0.08	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Ethylbenzene	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Styrene	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichloropropene[cis-1,3-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichloropropene[trans-1,3-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Propylbenzene[1-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Butylbenzene[n-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chlorotoluene[4-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichlorobenzene[1,4-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dibromoethane[1,2-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichloroethane[1,2-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Trimethylbenzene[1,3,5-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Bromobenzene	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Toluene	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chlorobenzene	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chlorodibromomethane	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Tetrachloroethene	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Xylene (total)	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Butylbenzene[sec-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichloropropane[1,3-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichloroethene[cis-1,2-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichloroethene[trans-1,2-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichlorobenzene[1,3-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Carbon tetrachloride	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09220	0554-95-2035	4-4.83	Soil	Hexanone[2-]	0.021	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichloropropane[2,2-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Tetrachloroethane[1,1,1,2-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Acetone	0.021	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chloroform	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Benzene	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Trichloroethane[1,1,1-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Bromomethane	0.01	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chloromethane	0.01	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Iodomethane	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dibromomethane	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Bromochloromethane	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chloroethane	0.01	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Vinyl chloride	0.01	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Methylene chloride	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Carbon disulfide	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Bromoform	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Bromodichloromethane	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichloroethane[1,1-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Trichlorofluoromethane	0.003	mg/kg	J
54-09220	0554-95-2035	4-4.83	Soil	Dichlorodifluoromethane	0.01	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichloropropane[1,2-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Butanone[2-]	0.021	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Trichloroethane[1,1,2-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Trichloroethene	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Tetrachloroethane[1,1,2,2-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chlorotoluene[2-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichlorobenzene[1,2-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Trimethylbenzene[1,2,4-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Trichloropropane[1,2,3-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Butylbenzene[tert-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Isopropylbenzene	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Isopropyltoluene[4-]	0.0052	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Nitroaniline[4-]	0.62	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Nitrophenol[4-]	1.6	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09220	0554-95-2035	4-4.83	Soil	Benzyl alcohol	1.3	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Azobenzene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Methylphenol[4-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chloroaniline[4-]	1.3	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Phenol	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Di-n-octylphthalate	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Hexachlorobenzene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Anthracene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Pyrene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dimethyl phthalate	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dibenzofuran	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Benzo(b)fluoranthene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Fluoranthene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Benzo(k)fluoranthene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Acenaphthylene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chrysene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Benzo(a)pyrene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dinitrophenol[2,4-]	1.6	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Benzo(a)anthracene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chloro-3-methylphenol[4-]	0.68	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Aniline	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Nitrosodimethylamine[N-]	0.34	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09220	0554-95-2035	4-4.83	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Benzoic acid	3.4	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Hexachloroethane	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Hexachlorocyclopentadiene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Isophorone	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Acenaphthene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Diethylphthalate	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Di-n-butylphthalate	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Phenanthrene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Butylbenzylphthalate	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Fluorene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Hexachlorobutadiene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Pentachlorophenol	1.6	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Nitroaniline[2-]	1.6	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Nitrophenol[2-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Naphthalene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Methylnaphthalene[2-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chloronaphthalene[2-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichlorobenzidine[3,3'-]	0.68	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Methylphenol[2-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chlorophenol[2-]	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Trichlorophenol[2,4,5-]	1.6	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Nitrobenzene	0.34	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Nitroaniline[3-]	1.6	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Heptachlor epoxide	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Endosulfan sulfate	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Aroclor-1260	0.0137	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Aroclor-1254	0.0137	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Aroclor-1221	0.0137	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Aroclor-1232	0.0137	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Aroclor-1248	0.0137	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Aroclor-1016	0.0137	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chlordane (technical grade)	0.00344	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Aldrin	0.000687	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09220	0554-95-2035	4-4.83	Soil	BHC[alpha-]	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	BHC[beta-]	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	BHC[delta-]	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Endosulfan II	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	DDT[4,4'-]	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chlordane[alpha-]	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Chlordane[gamma-]	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Aroclor-1242	0.0137	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	BHC[gamma-]	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Dieldrin	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Endrin	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Methoxychlor[4,4'-]	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	DDD[4,4'-]	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	ODE[4,4'-]	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Endrin aldehyde	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Heptachlor	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Toxaphene (technical grade)	0.0687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Endosulfan I	0.000687	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Cyanide, total	1.03	mg/kg	UJ
54-09220	0554-95-2035	4-4.83	Soil	Mercury	0.05	mg/kg	UJ
54-09220	0554-95-2035	4-4.83	Soil	Silver	0.5	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Aluminum	1120	mg/kg	J
54-09220	0554-95-2035	4-4.83	Soil	Barium	29	mg/kg	None
54-09220	0554-95-2035	4-4.83	Soil	Beryllium	0.4	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Calcium	3840	mg/kg	None
54-09220	0554-95-2035	4-4.83	Soil	Cadmium	0.5	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Cobalt	1.2	mg/kg	J
54-09220	0554-95-2035	4-4.83	Soil	Chromium, total	2.4	mg/kg	J
54-09220	0554-95-2035	4-4.83	Soil	Copper	2.7	mg/kg	None
54-09220	0554-95-2035	4-4.83	Soil	Iron	3680	mg/kg	J
54-09220	0554-95-2035	4-4.83	Soil	Potassium	269	mg/kg	J
54-09220	0554-95-2035	4-4.83	Soil	Magnesium	548	mg/kg	None
54-09220	0554-95-2035	4-4.83	Soil	Manganese	82.6	mg/kg	J+
54-09220	0554-95-2035	4-4.83	Soil	Sodium	291	mg/kg	J
54-09220	0554-95-2035	4-4.83	Soil	Nickel	2.1	mg/kg	J
54-09220	0554-95-2035	4-4.83	Soil	Antimony	5	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Vanadium	8.5	mg/kg	None
54-09220	0554-95-2035	4-4.83	Soil	Zinc	8.8	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09220	0554-95-2035	4-4.83	Soil	Arsenic	0.45	mg/kg	J
54-09220	0554-95-2035	4-4.83	Soil	Thallium	0.21	mg/kg	U
54-09220	0554-95-2035	4-4.83	Soil	Lead	1.6	mg/kg	J+
54-09220	0554-95-2035	4-4.83	Soil	Selenium	0.26	mg/kg	UJ
54-09220	0554-95-2035	4-4.83	Soil	Actinium-228	0.33	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Americium-241	0.28	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Annihilation radiation	0.17	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Barium-140	0.33	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Bismuth-211	0.86	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Bismuth-212	2.03	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Bismuth-214	0.98	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Cadmium-109	3.03	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Cerium-139	0.08	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Cerium-144	1.02	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Cobalt-57	0.17	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Cobalt-60	0.1	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Cesium-134	0.08	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Cesium-137	0.1	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Europium-152	0.35	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Mercury-203	0.1	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Iodine-129	0.53	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Potassium-40	19.75	pCi/g	None
54-09220	0554-95-2035	4-4.83	Soil	Lanthanum-140	0.04	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Manganese-54	0.09	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Sodium-22	0.05	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Neptunium-237	0.9	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Protactinium-231	3.74	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Protactinium-233	0.11	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Protactinium-234M	18.7	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Lead-210	1.75	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Lead-211	3.16	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Lead-212	0.87	pCi/g	None
54-09220	0554-95-2035	4-4.83	Soil	Lead-214	0.49	pCi/g	None
54-09220	0554-95-2035	4-4.83	Soil	Radium-223	0.89	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Radium-224	3.13	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Radium-226	2.91	pCi/g	U

**Table D-2.0-2 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15446	MD54-01-0020	11-12	Obt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Dichlorophenol[2,4-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Dimethylphenol[2,4-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Chloronaphthalene[2-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Chlorophenol[2-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Methylnaphthalene[2-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Methylphenol[2-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Nitroaniline[2-]	1.9	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Nitrophenol[2-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Nitroaniline[3-]	1.9	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Chloroaniline[4-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Methylphenol[4-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Nitroaniline[4-]	1.9	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Nitrophenol[4-]	1.9	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Acenaphthene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Acenaphthylene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Aniline	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Anthracene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Azobenzene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Benzo(a)anthracene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Benzo(a)pyrene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Benzo(b)fluoranthene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Benzo(g,h,i)perylene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Benzo(k)fluoranthene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Benzoic acid	1.9	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Benzyl alcohol	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15446	MD54-01-0020	11-12	Qbt 3	Methyl-2-pentanone[4-]	0.021	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Acetone	0.038	mg/kg	J
54-15446	MD54-01-0020	11-12	Qbt 3	Benzene	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Bromobenzene	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Bromochloromethane	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Bromodichloromethane	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Bromoform	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Bromomethane	0.011	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Carbon disulfide	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Carbon tetrachloride	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Chlorobenzene	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Chlorodibromomethane	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Chloroethane	0.011	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Chloroform	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Chloromethane	0.011	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Dichloropropene[cis-1,3-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Dibromomethane	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Dichlorodifluoromethane	0.011	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Ethylbenzene	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Iodomethane	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Isopropylbenzene	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Methylene chloride	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Butylbenzene[n-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Propylbenzene[1-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Butylbenzene[sec-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Styrene	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Butylbenzene[tert-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Tetrachloroethane	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Toluene	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Dichloropropene[trans-1,3-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Trichloroethene	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Trichlorofluoromethane	0.011	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Trichlorotrifluoroethane	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Vinyl chloride	0.011	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Xylene (total)	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	UJ



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15446	MD54-01-0019	10-11	Soil	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Isophorone	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Nitrosodimethylamine[N-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Nitrosodiphenylamine[N-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Naphthalene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Nitrobenzene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Pentachlorophenol	1.7	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Phenanthrene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Phenol	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Pyrene	0.36	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Obt 3	pH	9.06	SU	None
54-15446	MD54-01-0020	11-12	Obt 3	Strontium-90	0.12	pCi/g	U
54-15446	MD54-01-0020	11-12	Obt 3	Tetrachloroethane[1,1,1,2-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Trichloroethane[1,1,1-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Tetrachloroethane[1,1,2,2-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Trichloroethane[1,1,2-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dichloroethane[1,1-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dichloroethane[1,1-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dichloropropene[1,1-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Trichloropropane[1,2,3-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Trimethylbenzene[1,2,4-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dibromoethane[1,2-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dichlorobenzene[1,2-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dichloroethane[1,2-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dichloroethane[cis/trans-1,2-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dichloropropane[1,2-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Trimethylbenzene[1,3,5-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dichlorobenzene[1,3-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dichloropropane[1,3-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dichlorobenzene[1,4-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Dichloropropane[2,2-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Butanone[2-]	0.021	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Chlorotoluene[2-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Hexanone[2-]	0.021	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Chlorotoluene[4-]	0.0053	mg/kg	U
54-15446	MD54-01-0020	11-12	Obt 3	Isopropyltoluene[4-]	0.0053	mg/kg	U

MD54-01-0019-0020

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15446	MD54-01-0019	10-11	Soil	Nitroaniline[3-]	1.7	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Bromophenyl-phenylether[4-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Chloro-3-methylphenol[4-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Chloroaniline[4-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Chlorophenyl-phenyl[4-] other	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Methylphenol[4-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Nitroaniline[4-]	1.7	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Nitrophenol[4-]	1.7	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Acenaphthene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Acenaphthylene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Aniline	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Anthracene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Azobenzene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Benzo(a)anthracene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Benzo(a)pyrene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Benzo(b)fluoranthene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Benzo(g,h,i)perylene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Benzo(k)fluoranthene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Benzoic acid	1.7	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Benzyl alcohol	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Bis(2-chloroethoxy)methane	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Bis(2-chloroethyl)ether	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Butylbenzylphthalate	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Chrysene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Di-n-butylphthalate	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Di-n-octylphthalate	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dibenz(a,h)anthracene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dibenzofuran	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Diethylphthalate	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dimethyl phthalate	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Fluoranthene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Fluorene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Hexachlorobenzene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Hexachlorobutadiene	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Hexachloroethane	0.36	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15446	MD54-01-0019	10-11	Soil	Dibromomethane	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichlorodifluoromethane	0.0099	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Ethylbenzene	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Iodomethane	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Isopropylbenzene	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Methylene chloride	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Butylbenzene[n-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Propylbenzene[1-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Butylbenzene[sec-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Styrene	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Butylbenzene[tert-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Tetrachloroethene	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Toluene	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichloropropene[trans-1,3-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Trichloroethene	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Trichlorofluoromethane	0.0012	mg/kg	J
54-15446	MD54-01-0019	10-11	Soil	Trichlorotrifluoroethane	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Vinyl chloride	0.0099	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Xylene (total)	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Trichlorobenzene[1,2,4-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dichlorobenzene[1,2-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dichlorobenzene[1,3-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dichlorobenzene[1,4-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Trichlorophenol[2,4,5-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Trichlorophenol[2,4,6-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dichlorophenol[2,4-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dimethylphenol[2,4-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dinitrotoluene[2,4-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dinitrotoluene[2,6-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Chloronaphthalene[2-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Chlorophenol[2-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Methylnaphthalene[2-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Methylphenol[2-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Nitroaniline[2-]	1.7	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Nitrophenol[2-]	0.36	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15446	MD54-01-0019	10-11	Soil	Trichloroethane[1,1,2-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichloroethane[1,1-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichloroethene[1,1-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichloropropene[1,1-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Trichloropropane[1,2,3-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Trimethylbenzene[1,2,4-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dibromo-3-chloropropane[1,2-]	0.0099	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dibromoethane[1,2-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichlorobenzene[1,2-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichloroethane[1,2-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichloroethene[cis/trans-1,2-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichloropropane[1,2-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Trimethylbenzene[1,3,5-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichlorobenzene[1,3-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichloropropane[1,3-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichlorobenzene[1,4-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichloropropane[2,2-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Butanone[2-]	0.02	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Chlorotoluene[2-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Hexanone[2-]	0.02	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Chlorotoluene[4-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Isopropyltoluene[4-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Methyl-2-pentanone[4-]	0.02	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Acetone	0.02	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Benzene	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Bromobenzene	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Bromochloromethane	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Bromodichloromethane	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Bromoform	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Bromomethane	0.0099	mg/kg	UJ
54-15446	MD54-01-0019	10-11	Soil	Carbon disulfide	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Carbon tetrachloride	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Chlorobenzene	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Chlorodibromomethane	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Chloroethane	0.0099	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Chloroform	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Chloromethane	0.0099	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Dichloropropene[cis-1,3-]	0.0049	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15438	MD54-00-0097	7-8	Fill	Fluoranthene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Fluorene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Hexachlorobenzene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Hexachlorobutadiene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Hexachlorocyclopentadiene	1.6	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Hexachloroethane	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Iodomethane	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Isophorone	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Isopropylbenzene	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Methylene chloride	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Butylbenzene[n-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Nitrosodimethylamine[N-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Propylbenzene[1-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Naphthalene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Nitrobenzene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Pentachlorophenol	1.6	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Phenanthrene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Phenol	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Pyrene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Styrene	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Butylbenzene[tert-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Tetrachloroethene	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Toluene	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Trichloroethene	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Trichlorofluoromethane	0.01	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Trichlorotrifluoroethane	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Vinyl chloride	0.01	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Xylene (total)	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Strontium-90	-0.08	pCi/g	U
54-15446	MD54-01-0019	10-11	Soil	pH	9.09	SU	None
54-15446	MD54-01-0019	10-11	Soil	Strontium-90	0.007	pCi/g	U
54-15446	MD54-01-0019	10-11	Soil	Tetrachloroethane[1,1,1,2-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Trichloroethane[1,1,1-]	0.0049	mg/kg	U
54-15446	MD54-01-0019	10-11	Soil	Tetrachloroethane[1,1,2,2-]	0.0049	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15438	MD54-00-0097	7-8	Fill	Aniline	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Anthracene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Azobenzene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Benzene	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Benzo(a)anthracene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Benzo(a)pyrene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Benzo(b)fluoranthene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Benzo(k)fluoranthene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Benzoic acid	1.6	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Benzyl alcohol	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Bis(2-ethylhexyl)phthalate	0.048	mg/kg	J
54-15438	MD54-00-0097	7-8	Fill	Bromobenzene	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Bromochloromethane	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Bromodichloromethane	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Bromoform	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Bromomethane	0.01	mg/kg	UJ
54-15438	MD54-00-0097	7-8	Fill	Butylbenzylphthalate	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Carbon disulfide	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Carbon tetrachloride	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Chlorobenzene	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Chlorodibromomethane	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Chloroethane	0.01	mg/kg	UJ
54-15438	MD54-00-0097	7-8	Fill	Chloroform	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Chloromethane	0.01	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Chrysene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichloropropene[ <i>cis</i> -1,3-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Di-n-butylphthalate	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Di-n-octylphthalate	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dibenzofuran	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dibromomethane	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichlorodifluoromethane	0.01	mg/kg	UJ
54-15438	MD54-00-0097	7-8	Fill	Diethylphthalate	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dimethyl phthalate	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Ethylbenzene	0.005	mg/kg	U

**Table D-2.0-2 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15438	MD54-00-0097	7-8	Fill	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichloropropane[1,3-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichlorobenzene[1,4-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichloropropane[2,2-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dinitrophenol[2,4-]	1.6	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Butanone[2-]	0.02	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Chloronaphthalene[2-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Chlorophenol[2-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Chlorotoluene[2-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Hexanone[2-]	0.02	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Methylnaphthalene[2-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Methylphenol[2-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Nitroaniline[2-]	1.6	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Nitrophenol[2-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Nitroaniline[3-]	1.6	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Chloroaniline[4-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Chlorotoluene[4-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Isopropyltoluene[4-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Methyl-2-pentanone[4-]	0.02	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Methylphenol[4-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Nitroaniline[4-]	1.6	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Nitrophenol[4-]	1.6	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Acenaphthene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Acenaphthylene	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Acetone	0.02	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15443	MD54-01-0057	6-7	Soil	Diethylphthalate	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dimethyl phthalate	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Fluoranthene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Fluorene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Hexachlorobenzene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Hexachlorobutadiene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Hexachloroethane	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Isophorone	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Nitrosodimethylamine[N-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Nitrosodiphenylamine[N-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Naphthalene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Nitrobenzene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Pentachlorophenol	1.8	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Phenanthrene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Phenol	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Pyrene	0.37	mg/kg	UJ
54-15438	MD54-00-0097	7-8	Fill	pH	9.9	SU	None
54-15438	MD54-00-0097	7-8	Fill	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Trichloroethane[1,1,1-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Trichloroethane[1,1,2-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichloroethane[1,1-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichloroethene[1,1-]	0.005	mg/kg	UJ
54-15438	MD54-00-0097	7-8	Fill	Dichloropropene[1,1-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Trichloropropane[1,2,3-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dibromoethane[1,2-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichlorobenzene[1,2-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichloroethane[1,2-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichloroethene(cis/trans-1,2-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichloropropane[1,2-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
54-15438	MD54-00-0097	7-8	Fill	Dichlorobenzene[1,3-]	0.005	mg/kg	U



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15443	MD54-01-0057	6-7	Soil	Dinitrotoluene[2,6-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Chloronaphthalene[2-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Chlorophenol[2-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Methylnaphthalene[2-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Methylphenol[2-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Nitroaniline[2-]	1.8	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Nitrophenol[2-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dichlorobenzidine[3,3'-]	1.8	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Nitroaniline[3-]	1.8	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Bromophenyl-phenylether[4-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Chloro-3-methylphenol[4-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Chloroaniline[4-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Methylphenol[4-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Nitroaniline[4-]	1.8	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Nitrophenol[4-]	1.8	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Acenaphthene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Acenaphthylene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Aniline	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Anthracene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Azobenzene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Benzo(a)anthracene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Benzo(a)pyrene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Benzo(b)fluoranthene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Benzo(g,h,i)perylene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Benzo(k)fluoranthene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Benzoic acid	1.8	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Benzyl alcohol	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Bis(2-chloroethoxy)methane	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Bis(2-chloroethyl)ether	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Butylbenzylphthalate	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Chrysene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Di-n-butylphthalate	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Di-n-octylphthalate	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dibenz(a,h)anthracene	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dibenzofuran	0.37	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15443	MD54-01-0057	6-7	Soil	Carbon disulfide	0.0024	mg/kg	J
54-15443	MD54-01-0057	6-7	Soil	Carbon tetrachloride	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Chlorobenzene	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Chlorodibromomethane	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Chloroethane	0.011	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Chloroform	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Chloromethane	0.011	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dichloropropene[cis-1,3-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dibromomethane	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichlorodifluoromethane	0.011	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Ethylbenzene	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Iodomethane	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Isopropylbenzene	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Methylene chloride	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Butylbenzene[n-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Propylbenzene[1-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Butylbenzene[sec-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Styrene	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Butylbenzene[tert-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Tetrachloroethene	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Toluene	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichloropropene[trans-1,3-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Trichloroethene	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Trichlorofluoromethane	0.011	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Trichlorotrifluoroethane	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Vinyl chloride	0.011	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Xylene (total)	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Trichlorobenzene[1,2,4-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dichlorobenzene[1,2-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dichlorobenzene[1,3-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dichlorobenzene[1,4-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Trichlorophenol[2,4,5-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Trichlorophenol[2,4,6-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dichlorophenol[2,4-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dimethylphenol[2,4-]	0.37	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
54-15443	MD54-01-0057	6-7	Soil	Dinitrotoluene[2,4-]	0.37	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15443	MD54-01-0056	5-6	Soil	Phenanthrene	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Phenol	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Pyrene	0.37	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	pH	8.57	SU	None
54-15443	MD54-01-0057	6-7	Soil	Strontium-90	-0.11	pCi/g	U
54-15443	MD54-01-0057	6-7	Soil	Tetrachloroethane[1,1,1,2-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Trichloroethane[1,1,1-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Tetrachloroethane[1,1,2,2-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Trichloroethane[1,1,2-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichloroethane[1,1-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichloroethene[1,1-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichloropropene[1,1-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Trichloropropane[1,2,3-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Trimethylbenzene[1,2,4-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dibromoethane[1,2-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichlorobenzene[1,2-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichloroethane[1,2-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichloroethene[cis/trans-1,2-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichloropropane[1,2-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Trimethylbenzene[1,3,5-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichlorobenzene[1,3-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichloropropane[1,3-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichlorobenzene[1,4-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Dichloropropane[2,2-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Butanone[2-]	0.023	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Chlorotoluene[2-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Hexanone[2-]	0.023	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Chlorotoluene[4-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Isopropyltoluene[4-]	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Methyl-2-pentanone[4-]	0.023	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Acetone	0.018	mg/kg	J
54-15443	MD54-01-0057	6-7	Soil	Benzene	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Bromobenzene	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Bromochloromethane	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Bromodichloromethane	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Bromoform	0.0057	mg/kg	U
54-15443	MD54-01-0057	6-7	Soil	Bromomethane	0.011	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15443	MD54-01-0056	5-6	Soil	Nitrophenol[4-]	1.8	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Aconaphthene	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Acenaphthylene	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Aniline	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Anthracene	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Azobenzene	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Benzo(a)anthracene	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Benzo(a)pyrene	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Benzo(b)fluoranthene	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Benzo(g,h,i)perylene	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Benzo(k)fluoranthene	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Benzoic acid	1.8	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Benzyl alcohol	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Bis(2-chloroethoxy)methane	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Bis(2-chloroethyl)ether	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Butylbenzylphthalate	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Chrysene	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Di-n-butylphthalate	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Di-n-octylphthalate	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Dibenz(a,h)anthracene	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Dibenzofuran	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Diethylphthalate	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Dimethyl phthalate	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Fluoranthene	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Fluorene	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Hexachlorobenzene	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Hexachlorobutadiene	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Hexachloroethane	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Isophorone	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Nitrosodimethylamine[N-]	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Naphthalene	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Nitrobenzene	0.37	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Pentachlorophenol	1.8	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15443	MD54-01-0056	5-6	Soil	Butylbenzene[sec-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Styrene	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Butylbenzene[tert-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Tetrachloroethene	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Toluene	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichloropropene[trans-1,3-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Trichloroethene	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Trichlorofluoromethane	0.011	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Trichlorotrifluoroethane	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Vinyl chloride	0.011	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Xylene (total)	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Trichlorobenzene[1,2,4-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Dichlorobenzene[1,2-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Dichlorobenzene[1,3-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Dichlorobenzene[1,4-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Trichlorophenol[2,4,5-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Trichlorophenol[2,4,6-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Dichlorophenol[2,4-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Dimethylphenol[2,4-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Dinitrophenol[2,4-]	1.8	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Dinitrotoluene[2,4-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Dinitrotoluene[2,6-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Chloronaphthalene[2-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Chlorophenol[2-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Methylnaphthalene[2-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Methylphenol[2-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Nitroaniline[2-]	1.8	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Nitrophenol[2-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Nitroaniline[3-]	1.8	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Chloro-3-methylphenol[4-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Chloroaniline[4-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Methylphenol[4-]	0.37	mg/kg	UU
54-15443	MD54-01-0056	5-6	Soil	Nitroaniline[4-]	1.8	mg/kg	UU

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15443	MD54-01-0056	5-6	Soil	Dichlorobenzene[1,2-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichloroethane[1,2-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichloroethene[cis/trans-1,2-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichloropropane[1,2-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Trimethylbenzene[1,3,5-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichlorobenzene[1,3-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichloropropane[1,3-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichlorobenzene[1,4-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichloropropane[2,2-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Butanone[2-]	0.022	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Chlorotoluene[2-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Hexanone[2-]	0.022	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Chlorotoluene[4-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Isopropyltoluene[4-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Methyl-2-pentanone[4-]	0.022	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Acetone	0.022	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Benzene	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Bromobenzene	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Bromochloromethane	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Bromodichloromethane	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Bromoform	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Bromomethane	0.011	mg/kg	UJ
54-15443	MD54-01-0056	5-6	Soil	Carbon disulfide	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Carbon tetrachloride	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Chlorobenzene	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Chlorodibromomethane	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Chloroethane	0.011	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Chloroform	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Chloromethane	0.011	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichloropropene[cis-1,3-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dibromomethane	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichlorodifluoromethane	0.011	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Ethylbenzene	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Iodomethane	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Isopropylbenzene	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Methylene chloride	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Butylbenzene[n-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Propylbenzene[1-]	0.0056	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15438	MD54-00-0096	5-6	Fill	Isophorone	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Isopropylbenzene	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Methylene chloride	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Butylbenzene[n-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Nitrosodimethylamine[N-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Propylbenzene[1-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Naphthalene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Nitrobenzene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Pentachlorophenol	1.6	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Phenanthrene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Phenol	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Pyrene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Styrene	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Butylbenzene[tert-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Tetrachloroethene	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Toluene	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dichloropropene[trans-1,3-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Trichloroethene	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Trichlorofluoromethane	0.013	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Trichlorotrifluoroethane	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Vinyl chloride	0.013	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Xylene (total)	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Strontium-90	-0.04	pCi/g	U
54-15443	MD54-01-0056	5-6	Soil	pH	8.44	SU	None
54-15443	MD54-01-0056	5-6	Soil	Strontium-90	-0.16	pCi/g	U
54-15443	MD54-01-0056	5-6	Soil	Tetrachloroethane[1,1,1,2-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Trichloroethane[1,1,1-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Tetrachloroethane[1,1,2,2-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Trichloroethane[1,1,2-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichloroethane[1,1-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichloroethene[1,1-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dichloropropene[1,1-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Trichloropropane[1,2,3-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Trimethylbenzene[1,2,4-]	0.0056	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
54-15443	MD54-01-0056	5-6	Soil	Dibromoethane[1,2-]	0.0056	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15438	MD54-00-0096	5-6	Fill	Benzo(k)fluoranthene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Benzoic acid	1.6	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Benzyl alcohol	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Bis(2-chloroethoxy)methane	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Bis(2-chloroethyl)ether	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Bromobenzene	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Bromochloromethane	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Bromodichloromethane	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Bromoform	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Bromomethane	0.013	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Butylbenzylphthalate	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Carbon disulfide	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Carbon tetrachloride	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Chlorobenzene	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Chlorodibromomethane	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Chloroethane	0.013	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Chloroform	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Chloromethane	0.013	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Chrysene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dichloropropene[cis-1,3-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Di-n-butylphthalate	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Di-n-octylphthalate	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dibenz(a,h)anthracene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dibenzofuran	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dibromomethane	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dichlorodifluoromethane	0.013	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Diethylphthalate	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dimethyl phthalate	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Ethylbenzene	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Fluoranthene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Fluorene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Hexachlorobenzene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Hexachlorobutadiene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Hexachlorocyclopentadiene	1.6	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Hexachloroethane	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Iodomethane	0.0067	mg/kg	U



**Table D-2.0-2 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15438	MD54-00-0096	5-6	Fill	Dichlorophenol[2,4-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Butanone[2-]	0.027	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Chloronaphthalene[2-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Chlorophenol[2-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Chlorotoluene[2-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Hexanone[2-]	0.027	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Methylnaphthalene[2-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Methylphenol[2-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Nitroaniline[2-]	1.6	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Nitrophenol[2-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dichlorobenzidine[3,3'-]	1.6	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Nitroaniline[3-]	1.6	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Chloroaniline[4-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Chlorotoluene[4-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Isopropyltoluene[4-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Methyl-2-pentanone[4-]	0.027	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Methylphenol[4-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Nitroaniline[4-]	1.6	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Nitrophenol[4-]	1.6	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Acenaphthene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Acenaphthylene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Acetone	0.027	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Aniline	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Anthracene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Azobenzene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Benzene	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Benzo(a)anthracene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Benzo(a)pyrene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Benzo(b)fluoranthene	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Benzo(g,h,i)perylene	0.34	mg/kg	UJ

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09222	0554-95-2038	6-6.67	Soil	Thorium-234	2.98	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Thallium-208	0.67	pCi/g	None
54-09222	0554-95-2038	6-6.67	Soil	Uranium-235	0.68	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Yttrium-88	0.02	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Zinc-65	0.14	pCi/g	U

Table D-2.0-2

## Analytical Results for PRS 54-007(c)-99, 2001 Voluntary Corrective Action Confirmation Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15438	MD54-00-0096	5-6	Fill	pH	9.4	SU*	None
54-15438	MD54-00-0096	5-6	Fill	Tetrachloroethane[1,1,1,2-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Trichloroethane[1,1,1-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Tetrachloroethane[1,1,2,2-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Trichloroethane[1,1,2-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dichloroethane[1,1-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dichloroethene[1,1-]	0.0067	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dichloropropene[1,1-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Trichloropropane[1,2,3-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Trichlorobenzene[1,2,4-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dibromoethane[1,2-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dichlorobenzene[1,2-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dichlorobenzene[1,2-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dichloroethane[1,2-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dichloroethene[ <i>cis/trans</i> -1,2-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dichloropropane[1,2-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Trimethylbenzene[1,3,5-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dichlorobenzene[1,3-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dichlorobenzene[1,3-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dichloropropane[1,3-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dichlorobenzene[1,4-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Dichlorobenzene[1,4-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Dichloropropane[2,2-]	0.0067	mg/kg	U
54-15438	MD54-00-0096	5-6	Fill	Trichlorophenol[2,4,5-]	0.34	mg/kg	UJ
54-15438	MD54-00-0096	5-6	Fill	Trichlorophenol[2,4,6-]	0.34	mg/kg	UJ

\* SU = standard unit.

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09222	0554-95-2038	6-6.67	Soil	Actinium-228	1.35	pCi/g	None
54-09222	0554-95-2038	6-6.67	Soil	Americium-241	0.29	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Annihilation radiation	0.16	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Barium-140	0.25	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Bismuth-211	0.87	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Bismuth-212	2.09	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Bismuth-214	1.06	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Cadmium-109	2.89	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Cerium-139	0.06	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Cerium-144	0.95	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Cobalt-57	0.08	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Cobalt-60	0.12	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Cesium-134	0.13	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Cesium-137	0.07	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Europium-152	0.33	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Mercury-203	0.08	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Iodine-129	0.57	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Potassium-40	24.83	pCi/g	None
54-09222	0554-95-2038	6-6.67	Soil	Lanthanum-140	0.04	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Manganese-54	0.07	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Sodium-22	0.04	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Neptunium-237	0.87	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Protactinium-231	3.79	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Protactinium-233	0.18	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Protactinium-234M	10.6	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Lead-210	1.97	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Lead-211	3.34	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Lead-212	1.3	pCi/g	None
54-09222	0554-95-2038	6-6.67	Soil	Lead-214	1.05	pCi/g	None
54-09222	0554-95-2038	6-6.67	Soil	Radium-223	1.2	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Radium-224	3.59	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Radium-226	2.81	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Radon-219	1.74	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Ruthenium-106	1.31	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Selenium-75	0.08	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Tin-113	0.08	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Strontium-85	0.13	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Thorium-227	1.38	pCi/g	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09222	0554-95-2038	6-6.67	Soil	Chlordane[gamma-]	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Aroclor-1242	0.014	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	BHC[gamma-]	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dieldrin	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Endrin	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Methoxychlor[4,4'-]	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	DDD[4,4'-]	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	DDE[4,4'-]	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Endrin aldehyde	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Heptachlor	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Toxaphene (technical grade)	0.0699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Endosulfan I	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Cyanide, total	1	mg/kg	UJ
54-09222	0554-95-2038	6-6.67	Soil	Mercury	0.05	mg/kg	UJ
54-09222	0554-95-2038	6-6.67	Soil	Silver	0.5	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Aluminum	2320	mg/kg	J
54-09222	0554-95-2038	6-6.67	Soil	Barium	41.3	mg/kg	None
54-09222	0554-95-2038	6-6.67	Soil	Beryllium	0.4	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Calcium	2500	mg/kg	None
54-09222	0554-95-2038	6-6.67	Soil	Cadmium	0.5	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Cobalt	1.6	mg/kg	J
54-09222	0554-95-2038	6-6.67	Soil	Chromium, total	4.5	mg/kg	J
54-09222	0554-95-2038	6-6.67	Soil	Copper	3.1	mg/kg	None
54-09222	0554-95-2038	6-6.67	Soil	Iron	4970	mg/kg	J
54-09222	0554-95-2038	6-6.67	Soil	Potassium	463	mg/kg	J
54-09222	0554-95-2038	6-6.67	Soil	Magnesium	651	mg/kg	None
54-09222	0554-95-2038	6-6.67	Soil	Manganese	155	mg/kg	J+
54-09222	0554-95-2038	6-6.67	Soil	Sodium	342	mg/kg	J
54-09222	0554-95-2038	6-6.67	Soil	Nickel	3	mg/kg	J
54-09222	0554-95-2038	6-6.67	Soil	Antimony	5	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Vanadium	9.6	mg/kg	None
54-09222	0554-95-2038	6-6.67	Soil	Zinc	14.2	mg/kg	None
54-09222	0554-95-2038	6-6.67	Soil	Arsenic	0.63	mg/kg	J
54-09222	0554-95-2038	6-6.67	Soil	Thallium	0.21	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Lead	3.9	mg/kg	J+
54-09222	0554-95-2038	6-6.67	Soil	Selenium	0.26	mg/kg	UJ

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09222	0554-95-2038	6-6.67	Soil	Acenaphthene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Diethylphthalate	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Di-n-butylphthalate	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Phenanthrene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Butylbenzylphthalate	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Fluorene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Hexachlorobutadiene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Pentachlorophenol	1.7	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Nitroaniline[2-]	1.7	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Nitrophenol[2-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Naphthalene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Methylnaphthalene[2-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chloronaphthalene[2-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichlorobenzidine[3,3'-]	0.69	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Methylphenol[2-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chlorophenol[2-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Nitrobenzene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Nitroaniline[3-]	1.7	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Heptachlor epoxide	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Endosulfan sulfate	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Aroclor-1260	0.014	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Aroclor-1254	0.014	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Aroclor-1221	0.014	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Aroclor-1232	0.014	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Aroclor-1248	0.014	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Aroclor-1016	0.014	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chlordane (technical grade)	0.00349	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Aldrin	0.00265	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	BHC[alpha-]	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	BHC[beta-]	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	BHC[delta-]	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Endosulfan II	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	DDT[4,4'-]	0.000699	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chlordane[alpha-]	0.000699	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09222	0554-95-2038	6-6.67	Soil	Chloroaniline[4-]	1.4	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Phenol	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Bis(2-ethylhexyl)phthalate	0.058	mg/kg	J
54-09222	0554-95-2038	6-6.67	Soil	Di-n-octylphthalate	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Hexachlorobenzene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Anthracene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Pyrene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dimethyl phthalate	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dibenzofuran	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Benzo(b)fluoranthene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Fluoranthene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Benzo(k)fluoranthene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Acenaphthylene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chrysene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Benzo(a)pyrene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Benzo(a)anthracene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chloro-3-methylphenol[4-]	0.69	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Aniline	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Nitrosodimethylamine[N-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Benzoic acid	3.4	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Hexachloroethane	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Hexachlorocyclopentadiene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Isophorone	0.34	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09222	0554-95-2038	6-6.67	Soil	Trichloroethane[1,1,1-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Bromomethane	0.01	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chloromethane	0.01	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Iodomethane	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dibromomethane	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Bromochloromethane	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chloroethane	0.01	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Vinyl chloride	0.01	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Methylene chloride	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Carbon disulfide	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Bromoform	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Bromodichloromethane	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichloroethane[1,1-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichloroethene[1,1-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Trichlorofluoromethane	0.0094	mg/kg	None
54-09222	0554-95-2038	6-6.67	Soil	Dichlorodifluoromethane	0.01	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichloropropane[1,2-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Butanone[2-]	0.021	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Trichloroethane[1,1,2-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Trichloroethene	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Tetrachloroethane[1,1,2,2-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chlorotoluene[2-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichlorobenzene[1,2-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Trimethylbenzene[1,2,4-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Trichloropropane[1,2,3-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Butylbenzene[tert-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Isopropylbenzene	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Isopropyltoluene[4-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Nitroaniline[4-]	0.63	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Nitrophenol[4-]	1.7	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Benzyl alcohol	1.4	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Azobenzene	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Methylphenol[4-]	0.34	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09222	0554-95-2037	6-6.67	Soil	Strontium-85	0.12	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Thorium-227	1.48	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Thorium-234	2.81	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Thallium-208	0.48	pCi/g	None
54-09222	0554-95-2037	6-6.67	Soil	Uranium-235	0.61	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Yttrium-88	0.02	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Zinc-65	0.19	pCi/g	U
54-09222	0554-95-2038	6-6.67	Soil	Ethylbenzene	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Styrene	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichloropropene[cis-1,3-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichloropropene[trans-1,3-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Propylbenzene[1-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Butylbenzene[n-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chlorotoluene[4-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichlorobenzene[1,4-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dibromoethane[1,2-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichloroethane[1,2-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Trimethylbenzene[1,3,5-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Bromobenzene	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Toluene	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chlorobenzene	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chlorodibromomethane	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Tetrachloroethene	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Xylene (total)	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Butylbenzene[sec-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichloropropane[1,3-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichloroethene[cis-1,2-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichloroethene[trans-1,2-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichlorobenzene[1,3-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Carbon tetrachloride	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Hexanone[2-]	0.021	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Dichloropropane[2,2-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Tetrachloroethane[1,1,1,2-]	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Acetone	0.021	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Chloroform	0.0052	mg/kg	U
54-09222	0554-95-2038	6-6.67	Soil	Benzene	0.0052	mg/kg	U



Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09222	0554-95-2037	6-6.67	Soil	Actinium-228	1.13	pCi/g	None
54-09222	0554-95-2037	6-6.67	Soil	Americium-241	0.24	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Annihilation radiation	0.15	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Barium-140	0.15	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Bismuth-211	0.91	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Bismuth-212	1.36	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Bismuth-214	0.85	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Cadmium-109	2.61	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Cerium-139	0.05	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Cerium-144	0.93	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Cobalt-57	0.07	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Cobalt-60	0.07	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Cesium-134	0.07	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Cesium-137	0.08	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Europium-152	0.27	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Mercury-203	0.08	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Iodine-129	0.5	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Potassium-40	19.2	pCi/g	None
54-09222	0554-95-2037	6-6.67	Soil	Lanthanum-140	0.04	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Manganese-54	0.08	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Sodium-22	0.04	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Neptunium-237	0.77	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Protactinium-231	3.31	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Protactinium-233	0.13	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Protactinium-234M	10.4	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Lead-210	1.83	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Lead-211	2.66	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Lead-212	1.01	pCi/g	None
54-09222	0554-95-2037	6-6.67	Soil	Lead-214	0.71	pCi/g	None
54-09222	0554-95-2037	6-6.67	Soil	Radium-223	0.96	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Radium-224	3.89	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Radium-226	2.5	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Radon-219	1.03	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Ruthenium-106	0.48	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Selenium-75	0.08	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Tin-113	0.08	pCi/g	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09222	0554-95-2037	6-6.67	Soil	DDT[4,4'-]	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chlordane[alpha-]	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chlordane[gamma-]	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Aroclor-1242	0.0137	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	BHC[gamma-]	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dieldrin	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Endrin	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Methoxychlor[4,4'-]	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	DDD[4,4'-]	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	DDE[4,4'-]	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Endrin aldehyde	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Heptachlor	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Toxaphene (technical grade)	0.0683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Endosulfan I	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Cyanide, total	1.02	mg/kg	UJ
54-09222	0554-95-2037	6-6.67	Soil	Mercury	0.05	mg/kg	UJ
54-09222	0554-95-2037	6-6.67	Soil	Silver	0.48	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Aluminum	1530	mg/kg	J
54-09222	0554-95-2037	6-6.67	Soil	Barium	37.1	mg/kg	None
54-09222	0554-95-2037	6-6.67	Soil	Beryllium	0.39	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Calcium	3850	mg/kg	None
54-09222	0554-95-2037	6-6.67	Soil	Cadmium	0.48	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Cobalt	1.8	mg/kg	J
54-09222	0554-95-2037	6-6.67	Soil	Chromium, total	4.4	mg/kg	J
54-09222	0554-95-2037	6-6.67	Soil	Copper	2.6	mg/kg	None
54-09222	0554-95-2037	6-6.67	Soil	Iron	5690	mg/kg	J
54-09222	0554-95-2037	6-6.67	Soil	Potassium	331	mg/kg	J
54-09222	0554-95-2037	6-6.67	Soil	Magnesium	730	mg/kg	None
54-09222	0554-95-2037	6-6.67	Soil	Manganese	122	mg/kg	J+
54-09222	0554-95-2037	6-6.67	Soil	Sodium	360	mg/kg	J
54-09222	0554-95-2037	6-6.67	Soil	Nickel	3.2	mg/kg	J
54-09222	0554-95-2037	6-6.67	Soil	Antimony	4.8	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Vanadium	12.7	mg/kg	None
54-09222	0554-95-2037	6-6.67	Soil	Zinc	11	mg/kg	None
54-09222	0554-95-2037	6-6.67	Soil	Arsenic	0.72	mg/kg	J
54-09222	0554-95-2037	6-6.67	Soil	Thallium	0.2	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Lead	3.1	mg/kg	J+
54-09222	0554-95-2037	6-6.67	Soil	Selenium	0.26	mg/kg	UJ

Table D-2.0-T (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09222	0554-95-2037	6-6.67	Soil	Hexachlorocyclopentadiene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Isophorone	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Acenaphthene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Diethylphthalate	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Di-n-butylphthalate	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Phenanthrene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Butylbenzylphthalate	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Fluorene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Hexachlorobutadiene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Pentachlorophenol	1.6	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Nitroaniline[2-]	1.6	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Nitrophenol[2-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Naphthalene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Methylnaphthalene[2-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chloronaphthalene[2-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichlorobenzidine[3,3'-]	0.68	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Methylphenol[2-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chlorophenol[2-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Trichlorophenol[2,4,5-]	1.6	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Nitrobenzene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Nitroaniline[3-]	1.6	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Heptachlor epoxide	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Endosulfan sulfate	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Aroclor-1260	0.0137	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Aroclor-1254	0.0137	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Aroclor-1221	0.0137	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Aroclor-1232	0.0137	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Aroclor-1248	0.0137	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Aroclor-1016	0.0137	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chlordane (technical grade)	0.00342	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Aldrin	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	BHC[alpha-]	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	BHC[beta-]	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	BHC[delta-]	0.000683	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Endosulfan II	0.000683	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09222	0554-95-2037	6-6.67	Soil	Methylphenol[4-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chloroaniline[4-]	1.3	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Phenol	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Bis(2-ethylhexyl)phthalate	0.07	mg/kg	J
54-09222	0554-95-2037	6-6.67	Soil	Di-n-octylphthalate	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Hexachlorobenzene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Anthracene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Pyrene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dimethyl phthalate	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dibenzofuran	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Benzo(b)fluoranthene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Fluoranthene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Benzo(k)fluoranthene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Acenaphthylene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chrysene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Benzo(a)pyrene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dinitrophenol[2,4-]	1.6	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Benzo(a)anthracene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chloro-3-methylphenol[4-]	0.68	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Aniline	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Nitrosodimethylamine[N-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Benzoic acid	3.4	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Hexachloroethane	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09222	0554-95-2037	6-6.67	Soil	Chloroform	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Benzene	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Trichloroethane[1,1,1-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Bromomethane	0.01	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chloromethane	0.01	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Iodomethane	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dibromomethane	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Bromochloromethane	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chloroethane	0.01	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Vinyl chloride	0.01	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Methylene chloride	0.008	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Carbon disulfide	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Bromoform	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Bromodichloromethane	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichloroethane[1,1-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichloroethene[1,1-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Trichlorofluoromethane	0.006	mg/kg	None
54-09222	0554-95-2037	6-6.67	Soil	Dichlorodifluoromethane	0.01	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichloropropane[1,2-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Butanone[2-]	0.02	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Trichloroethane[1,1,2-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Trichloroethene	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Tetrachloroethane[1,1,2,2-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chlorotoluene[2-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichlorobenzene[1,2-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Trimethylbenzene[1,2,4-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Trichloropropane[1,2,3-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Butylbenzene[tert-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Isopropylbenzene	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Isopropyltoluene[4-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Nitroaniline[4-]	0.61	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Nitrophenol[4-]	1.6	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Benzyl alcohol	1.3	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Azobenzene	0.34	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09221	0554-95-2036	4-4.83	Soil	Selenium-75	0.16	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Tin-113	0.22	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Strontium-85	0.14	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Thorium-227	1.25	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Thorium-234	3.21	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Thallium-208	0.46	pCi/g	None
54-09221	0554-95-2036	4-4.83	Soil	Uranium-235	0.74	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Yttrium-88	0.02	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Zinc-65	0.16	pCi/g	U
54-09222	0554-95-2037	6-6.67	Soil	Ethylbenzene	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Styrene	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichloropropene[cis-1,3-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichloropropene[trans-1,3-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Propylbenzene[1-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Butylbenzene[n-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chlorotoluene[4-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichlorobenzene[1,4-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dibromoethane[1,2-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichloroethane[1,2-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Methyl-2-pentanone[4-]	0.02	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Trimethylbenzene[1,3,5-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Bromobenzene	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Toluene	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chlorobenzene	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Chlorodibromomethane	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Tetrachloroethene	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Xylene (total)	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Butylbenzene[sec-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichloropropane[1,3-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichloroethene[cis-1,2-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichloroethene[trans-1,2-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichlorobenzene[1,3-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Carbon tetrachloride	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Hexanone[2-]	0.02	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Dichloropropane[2,2-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Tetrachloroethane[1,1,1,2-]	0.0051	mg/kg	U
54-09222	0554-95-2037	6-6.67	Soil	Acetone	0.02	mg/kg	U

**Table D-2.0-1 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09221	0554-95-2036	4-4.83	Soil	Load	1.6	mg/kg	J+
54-09221	0554-95-2036	4-4.83	Soil	Selenium	0.25	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Actinium-228	0.79	pCi/g	None
54-09221	0554-95-2036	4-4.83	Soil	Americium-241	0.27	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Annihilation radiation	0.16	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Barium-140	0.21	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Bismuth-211	0.87	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Bismuth-212	1.44	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Bismuth-214	1.25	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Cadmium-109	3.06	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Cerium-139	0.08	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Cerium-144	1.01	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Cobalt-57	0.06	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Cobalt-60	0.09	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Cesium-134	0.09	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Cesium-137	0.09	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Europium-152	0.44	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Mercury-203	0.1	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Iodine-129	0.71	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Potassium-40	16.53	pCi/g	None
54-09221	0554-95-2036	4-4.83	Soil	Lanthanum-140	0.05	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Manganese-54	0.05	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Sodium-22	0.05	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Neptunium-237	0.92	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Protactinium-231	5.65	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Protactinium-233	0.2	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Protactinium-234M	12.3	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Lead-210	2.08	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Lead-211	2.85	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Lead-212	0.67	pCi/g	None
54-09221	0554-95-2036	4-4.83	Soil	Lead-214	0.27	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Radium-223	1.43	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Radium-224	3.01	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Radium-226	2.87	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Radon-219	1.52	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Ruthenium-106	0.31	pCi/g	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09221	0554-95-2036	4-4.83	Soil	BHC[delta-]	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Endosulfan II	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	ODT[4,4'-]	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chlordane[alpha-]	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chlordane[gamma-]	0.000678	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Aroclor-1242	0.0137	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	BHC[gamma-]	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dieldrin	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Endrin	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Methoxychlor[4,4'-]	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	DDD[4,4'-]	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	DDE[4,4'-]	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Endrin aldehyde	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Heptachlor	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Toxaphene (technical grade)	0.0687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Endosulfan I	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Cyanide, total	1.03	mg/kg	UU
54-09221	0554-95-2036	4-4.83	Soil	Mercury	0.05	mg/kg	UU
54-09221	0554-95-2036	4-4.83	Soil	Silver	0.51	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Aluminum	963	mg/kg	J
54-09221	0554-95-2036	4-4.83	Soil	Barium	24.9	mg/kg	None
54-09221	0554-95-2036	4-4.83	Soil	Beryllium	0.4	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Calcium	2990	mg/kg	None
54-09221	0554-95-2036	4-4.83	Soil	Cadmium	0.51	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Cobalt	1.6	mg/kg	J
54-09221	0554-95-2036	4-4.83	Soil	Chromium, total	4.3	mg/kg	J
54-09221	0554-95-2036	4-4.83	Soil	Copper	2.9	mg/kg	None
54-09221	0554-95-2036	4-4.83	Soil	Iron	4820	mg/kg	J
54-09221	0554-95-2036	4-4.83	Soil	Potassium	255	mg/kg	J
54-09221	0554-95-2036	4-4.83	Soil	Magnesium	740	mg/kg	None
54-09221	0554-95-2036	4-4.83	Soil	Manganese	87	mg/kg	J+
54-09221	0554-95-2036	4-4.83	Soil	Sodium	339	mg/kg	J
54-09221	0554-95-2036	4-4.83	Soil	Nickel	2.8	mg/kg	J
54-09221	0554-95-2036	4-4.83	Soil	Antimony	5.1	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Vanadium	10.8	mg/kg	None
54-09221	0554-95-2036	4-4.83	Soil	Zinc	8.7	mg/kg	None
54-09221	0554-95-2036	4-4.83	Soil	Arsenic	0.65	mg/kg	J
54-09221	0554-95-2036	4-4.83	Soil	Thallium	0.2	mg/kg	U



Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09221	0554-95-2036	4-4.83	Soil	Hexachloroethane	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Hexachlorocyclopentadiene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Isophorone	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Acenaphthene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Diethylphthalate	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Di-n-butylphthalate	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Phenanthrene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Butylbenzylphthalate	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Fluorone	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Hexachlorobutadiene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Pentachlorophenol	1.6	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Nitroaniline[2-]	1.6	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Nitrophenol[2-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Naphthalene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Methylnaphthalene[2-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chloronaphthalene[2-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichlorobenzidine[3,3'-]	0.68	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Methylphenol[2-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chlorophenol[2-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Trichlorophenol[2,4,5-]	1.6	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Nitrobenzene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Nitroaniline[3-]	1.6	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Heptachlor epoxide	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Endosulfan sulfate	0.000587	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Aroclor-1260	0.0137	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Aroclor-1254	0.0137	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Aroclor-1221	0.0137	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Aroclor-1232	0.0137	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Aroclor-1248	0.0137	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Aroclor-1016	0.0137	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chlordane (technical grade)	0.00343	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Aldrin	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	BHC[alpha-]	0.000687	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	BHC[beta-]	0.000687	mg/kg	U

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Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09221	0554-95-2036	4-4.83	Soil	Azobenzene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Methylphenol[4-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chloroaniline[4-]	1.3	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Phenol	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Bis(2-ethylhexyl)phthalate	0.064	mg/kg	J
54-09221	0554-95-2036	4-4.83	Soil	Di-n-octylphthalate	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Hexachlorobenzene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Anthracene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Pyrene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dimethyl phthalate	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dibenzofuran	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Benzo(b)fluoranthene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Fluoranthene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Benzo(k)fluoranthene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Acenaphthylene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chrysene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Benzo(a)pyrene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dinitrophenol[2,4-]	1.6	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Benzo(a)anthracene	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chloro-3-methylphenol[4-]	0.68	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Aniline	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Nitrosodimethylamino[N-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Benzoic acid	3.4	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09221	0554-95-2036	4-4.83	Soil	Tetrachloroethane[1,1,1,2-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Acetone	0.02	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chloroform	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Benzene	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Trichloroethane[1,1,1-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Bromomethane	0.01	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chloromethane	0.01	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Iodomethane	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dibromomethane	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Bromochloromethane	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chloroethane	0.01	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Vinyl chloride	0.01	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Methylene chloride	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Carbon disulfide	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Bromoform	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Bromodichloromethane	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichloroethane[1,1-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichloroethene[1,1-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Trichlorofluoromethane	0.0072	mg/kg	None
54-09221	0554-95-2036	4-4.83	Soil	Dichlorodifluoromethane	0.01	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichloropropane[1,2-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Butanone[2-]	0.02	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Trichloroethane[1,1,2-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Trichloroethene	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Tetrachloroethane[1,1,2,2-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chlorotoluene[2-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichlorobenzene[1,2-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Trimethylbenzene[1,2,4-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Trichloropropane[1,2,3-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Butylbenzene[1,2-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Isopropylbenzene	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Isopropyltoluene[4-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Nitroaniline[4-]	0.62	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Nitrophenol[4-]	1.6	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Benzyl alcohol	1.3	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09220	0554-95-2035	4-4.83	Soil	Radon-219	1.41	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Ruthenium-106	0.7	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Selenium-75	0.1	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Tin-113	0.07	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Strontium-85	0.14	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Thorium-227	1.27	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Thorium-234	3.23	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Thallium-208	0.53	pCi/g	None
54-09220	0554-95-2035	4-4.83	Soil	Uranium-235	0.7	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Yttrium-88	0.02	pCi/g	U
54-09220	0554-95-2035	4-4.83	Soil	Zinc-65	0.35	pCi/g	U
54-09221	0554-95-2036	4-4.83	Soil	Ethylbenzene	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Styrene	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichloropropene(cis-1,3-)	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichloropropene(trans-1,3-)	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Propylbenzene[1-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Butylbenzene[n-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chlorotoluene[4-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichlorobenzene[1,4-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dibromoethane[1,2-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichloroethane[1,2-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Methyl-2-pentanone[4-]	0.02	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Trimethylbenzene[1,3,5-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Bromobenzene	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Toluene	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chlorobenzene	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Chlorodibromomethane	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Tetrachloroethene	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Xylene (total)	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Butylbenzene(sec-)	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichloropropane[1,3-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichloroethene(cis-1,2-)	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichloroethene(trans-1,2-)	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichlorobenzene[1,3-]	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Carbon tetrachloride	0.0051	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Hexanone[2-]	0.02	mg/kg	U
54-09221	0554-95-2036	4-4.83	Soil	Dichloropropane[2,2-]	0.0051	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15446	MD54-01-0020	11-12	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Chrysene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Dibenz(a,h)anthracene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Dibenzofuran	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Diethylphthalate	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Dimethyl phthalate	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Fluoranthene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Fluorene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Hexachlorobenzene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Hexachloroethane	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Isophorone	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Naphthalene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Nitrobenzene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Pentachlorophenol	1.9	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Phenanthrene	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Phenol	0.38	mg/kg	UJ
54-15446	MD54-01-0020	11-12	Qbt 3	Pyrene	0.38	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Bis(2-ethylhexyl)phthalate	0.8	mg/kg	None
54-15443	MD54-01-0014	11-24	Soil	pH	8.77	SU	None
54-15443	MD54-01-0014	11-24	Soil	Strontium-90	-0.14	pCi/g	U
54-15443	MD54-01-0014	11-24	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15443	MD54-01-0014	11-24	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichloroethane[cis/trans-1,2-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Butanone[2-]	0.02	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Hexanone[2-]	0.02	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Methyl-2-pentanone[4-]	0.02	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Acetone	0.02	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Benzene	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Bromobenzene	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Bromochloromethane	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Bromodichloromethane	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Bromoform	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Bromomethane	0.01	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Carbon disulfide	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Carbon tetrachloride	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Chlorobenzene	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Chlorodibromomethane	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Chloroethane	0.01	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Chloroform	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Chloromethane	0.01	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dibromomethane	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichlorodifluoromethane	0.01	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Ethylbenzene	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Iodomethane	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Isopropylbenzene	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15443	MD54-01-0014	11-24	Soil	Methylene chloride	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Butylbenzene[n-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Propylbenzene[1-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Styrene	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Tetrachloroethene	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Toluene	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Trichloroethene	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Trichlorofluoromethane	0.01	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Trichlorotrifluoroethane	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Vinyl chloride	0.01	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Xylene (total)	0.005	mg/kg	U
54-15443	MD54-01-0014	11-24	Soil	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Dichlorobenzene[1,2-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Dichlorobenzene[1,3-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Dichlorobenzene[1,4-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Trichlorophenol[2,4,5-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Trichlorophenol[2,4,6-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Dichlorophenol[2,4-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Dimethylphenol[2,4-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Dinitrotoluene[2,4-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Dinitrotoluene[2,6-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Chloronaphthalene[2-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Chlorophenol[2-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Methylnaphthalene[2-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Methylphenol[2-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Nitroaniline[2-]	1.7	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Nitrophenol[2-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Nitroaniline[3-]	1.7	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Bromophenyl-phenylether[4-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Chloro-3-methylphenol[4-]	0.35	mg/kg	UU
54-15443	MD54-01-0014	11-24	Soil	Chloroaniline[4-]	0.35	mg/kg	UU

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15443	MD54-01-0014	11-24	Soil	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Methylphenol[4-]	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Nitroaniline[4-]	1.7	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Nitrophenol[4-]	1.7	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Acenaphthene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Aconaphthylene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Aniline	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Anthracene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Azobenzene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Benzo(a)anthracene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Benzo(a)pyrene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Benzo(b)fluoranthene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Benzo(k)fluoranthene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Benzoic acid	1.7	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Benzyl alcohol	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Butylbenzylphthalate	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Chrysene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Di-n-butylphthalate	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Di-n-octylphthalate	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Dibenz(a,h)anthracene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Dibenzofuran	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Diethylphthalate	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Dimethyl phthalate	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Fluoranthene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Fluorene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Hexachlorobenzene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Hexachlorobutadiene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Hexachloroethane	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Isophorone	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Naphthalene	0.35	mg/kg	UJ



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15443	MD54-01-0014	11-24	Soil	Nitrobenzene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Pentachlorophenol	1.7	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Phenanthrene	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Phenol	0.35	mg/kg	UJ
54-15443	MD54-01-0014	11-24	Soil	Pyrene	0.35	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	pH	8.99	SU	None
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Strontium-90	0.02	pCi/g	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Tetrachloroethane[1,1,1,2-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Trichloroethane[1,1,1-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Tetrachloroethane[1,1,2,2-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Trichloroethane[1,1,2-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichloroethane[1,1-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichloroethene[1,1-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichloropropene[1,1-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Trichloropropane[1,2,3-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dibromoethane[1,2-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichlorobenzene[1,2-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichloroethane[1,2-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichloroethene[cis/trans-1,2-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichloropropane[1,2-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichlorobenzene[1,3-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichloropropane[1,3-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichlorobenzene[1,4-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichloropropane[2,2-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Butanone[2-]	0.023	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Chlorotoluene[2-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Hexanone[2-]	0.023	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Chlorotoluene[4-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Isopropyltoluene[4-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Methyl-2-pentanone[4-]	0.023	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Acetone	0.018	mg/kg	J
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Benzene	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Bromobenzene	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Bromochloromethane	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Bromodichloromethane	0.0059	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Bromoform	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Bromomethane	0.012	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Carbon disulfide	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Carbon tetrachloride	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Chlorobenzene	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Chlorodibromomethane	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Chloroethane	0.012	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Chloroform	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Chloromethane	0.012	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichloropropene[cis-1,3-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dibromomethane	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichlorodifluoromethane	0.012	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Ethylbenzene	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Iodomethane	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Isopropylbenzene	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Methylene chloride	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Butylbenzene[n-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Propylbenzene[1-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Butylbenzene[sec-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Styrene	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Butylbenzene[tert-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Tetrachloroethene	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Toluene	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichloropropene[trans-1,3-]	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Trichloroethene	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Trichlorofluoromethane	0.012	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Trichlorotrifluoroethane	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Vinyl chloride	0.012	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Xylene (total)	0.0059	mg/kg	U
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dichlorophenol[2,4-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dimethylphenol[2,4-]	0.38	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Methylnaphthalene[2-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Methylphenol[2-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Chloroaniline[4-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Methylphenol[4-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Acenaphthene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Acenaphthylene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Aniline	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Anthracene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Azobenzene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Benzo(a)anthracene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Benzo(a)pyrene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Benzo(b)fluoranthene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Benzo(k)fluoranthene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Benzoic acid	1.8	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Benzyl alcohol	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Chrysene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dibenz(a,h)anthracene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dibenzofuran	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Diethylphthalate	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Dimethyl phthalate	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Fluoranthene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Fluorene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Hexachlorobenzene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Hexachlorobutadiene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Hexachloroethane	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Isophorone	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Naphthalene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Nitrobenzene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Pentachlorophenol	1.8	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Phenanthrene	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Phenol	0.38	mg/kg	UJ
54-15444	MD54-01-0016	10.83-11.33	Obt 3	Pyrene	0.38	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	pH	9.09	SU	None
54-15445	MD54-01-0017	10-10.58	Soil	Strontium-90	0.02	pCi/g	U
54-15445	MD54-01-0017	10-10.58	Soil	Tetrachloroethane[1,1,1,2-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Trichloroethane[1,1,1-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Tetrachloroethane[1,1,2,2-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Trichloroethane[1,1,2-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Dichloroethane[1,1-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Dichloroethane[1,1-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Dichloropropene[1,1-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Trichloropropane[1,2,3-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Trimethylbenzene[1,2,4-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Dibromo-3-chloropropane[1,2-]	0.0097	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Dibromoethane[1,2-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Dichlorobenzene[1,2-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Dichloroethane[1,2-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Dichloroethene[cis/trans-1,2-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Dichloropropane[1,2-]	0.0049	mg/kg	U

Table D-2.0-2 (continued)

Location	Sample ID	Depth (ft)	Media	Analyte	Result	Unit	Report Qualifier
54-15445	MDS4-01-0017	10-10.58	Soil	Trimethylbenzene[1,3,5-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Dichlorobenzene[1,3-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Dichloropropane[1,3-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Dichlorobenzene[1,4-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Dichloropropane[2,2-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Butanone[2-]	0.019	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Chloroacetylene[2-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Hexanone[2-]	0.019	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Chloroacetylene[4-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Isopropyltoluene[4-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Methyl-2-pentanone[4-]	0.019	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Acetone	0.028	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Benzene	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Bromobenzene	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Bromochloromethane	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Bromodichloromethane	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Bromotoluene	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Bromomethane	0.0097	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Carbon disulfide	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Carbon tetrachloride	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Chlorobenzene	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Chlorodibromomethane	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Chloroethane	0.0097	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Chloroform	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Chloromethane	0.0097	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Dichloropropene[cs-1,3-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Dibromomethane	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Dichlorodifluoromethane	0.0097	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Ethylbenzene	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Iodomethane	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Isopropylbenzene	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Methylene chloride	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Butylbenzene[n-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Propylbenzene[1-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Butylbenzene[sec-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Styrene	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Butylbenzene[tert-]	0.0049	mg/kg	U
54-15445	MDS4-01-0017	10-10.58	Soil	Tetrachloroethene	0.0049	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15445	MD54-01-0017	10-10.58	Soil	Toluene	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Dichloropropene[trans-1,3-]	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Trichloroethene	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Trichlorofluoromethane	0.0097	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Trichlorotrifluoroethane	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Vinyl chloride	0.0097	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Xylene (total)	0.0049	mg/kg	U
54-15445	MD54-01-0017	10-10.58	Soil	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Trichlorophenol[2,4,5-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dinitrotoluene[2,4-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dinitrotoluene[2,6-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Chloronaphthalene[2-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Chlorophenol[2-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Methylnaphthalene[2-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Methylphenol[2-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Nitroaniline[2-]	1.7	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Nitrophenol[2-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Nitroaniline[3-]	1.7	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Bromophenyl-phenylether[4-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Chloroaniline[4-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Methylphenol[4-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Nitroaniline[4-]	1.7	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Nitrophenol[4-]	1.7	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Acenaphthene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Acenaphthylene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Aniline	0.35	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15445	MD54-01-0017	10-10.58	Soil	Anthracene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Azobenzene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Benzo(a)anthracene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Benzo(a)pyrene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Benzo(b)fluoranthene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Benzo(k)fluoranthene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Benzoic acid	1.7	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Benzyl alcohol	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Butylbenzylphthalate	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Chrysene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Di-n-butylphthalate	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Di-n-octylphthalate	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dibenz(a,h)anthracene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dibenzofuran	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Diethylphthalate	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Dimethyl phthalate	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Fluoranthene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Fluorone	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Hexachlorobenzene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Hexachlorobutadiene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Hexachloroethane	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Isophorone	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Naphthalene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Nitrobenzene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Pentachlorophenol	1.7	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Phenanthrene	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Phenol	0.35	mg/kg	UJ
54-15445	MD54-01-0017	10-10.58	Soil	Pyrene	0.35	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	pH	8.52	SU	None

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-01-0015	10-10.83	Soil	Strontium-90	0.22	pCi/g	U
54-15444	MD54-01-0015	10-10.83	Soil	Tetrachloroethane[1,1,1,2-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Trichloroethane[1,1,1-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Tetrachloroethane[1,1,2,2-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Trichloroethane[1,1,2-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dichloroethane[1,1-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dichloroethene[1,1-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dichloropropene[1,1-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Trichloropropane[1,2,3-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Trimethylbenzene[1,2,4-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dibromoethane[1,2-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dichlorobenzene[1,2-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dichloroethane[1,2-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dichloroethene[cis/trans-1,2-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dichloropropane[1,2-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Trimethylbenzene[1,3,5-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dichlorobenzene[1,3-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dichloropropane[1,3-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dichlorobenzene[1,4-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Dichloropropane[2,2-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Butanone[2-]	0.0046	mg/kg	J
54-15444	MD54-01-0015	10-10.83	Soil	Chlorotoluene[2-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Hexanone[2-]	0.021	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Chlorotoluene[4-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Isopropyltoluene[4-]	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Acetone	0.021	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Benzene	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Bromobenzene	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Bromochloromethane	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Bromodichloromethane	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Bromoform	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Bromomethane	0.01	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Carbon disulfide	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Carbon tetrachloride	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Chlorobenzene	0.0051	mg/kg	U
54-15444	MD54-01-0015	10-10.83	Soil	Chlorodibromomethane	0.0051	mg/kg	U



Table D-2.0-2 (continued)

Location	Sample ID	Depth (ft)	Media	Analyte	Result	Unit	Report Qualifier
54-15444	MDS4-01-0015	10-10.83	Soil	Chloroethane	0.01	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Chloroform	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Chloromethane	0.01	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Dichloropropene[cis-1,3-]	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Dibromomethane	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Dichlorodifluoromethane	0.01	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Ethylbenzene	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Iodomethane	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Isopropylbenzene	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Methylene chloride	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Butylbenzene[n-]	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Propylbenzene[1-]	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Butylbenzene[soc-]	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Styrene	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Butylbenzene[ion-]	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Tetrachloroethene	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Toluene	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Dichloropropene[trans-1,3-]	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Trichloroethene	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Trichlorofluoromethane	0.01	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Trichloroethane	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Vinyl chloride	0.01	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Xylene (total)	0.0051	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Dinitrofluorene[2,4-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Dinitrofluorene[2,6-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Chloronaphthalene[2-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Chlorophenol[2-]	0.34	mg/kg	U
54-15444	MDS4-01-0015	10-10.83	Soil	Methylnaphthalene[2-]	0.34	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-01-0015	10-10.83	Soil	Methylphenol[2-]	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Nitroaniline[2-]	1.7	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Nitrophenol[2-]	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Nitroaniline[3-]	1.7	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Chloroaniline[4-]	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Methylphenol[4-]	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Nitroaniline[4-]	1.7	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Nitrophenol[4-]	1.7	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Acenaphthene	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Acenaphthylene	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Aniline	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Anthracene	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Azobenzene	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Benzo(a)anthracene	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Benzo(a)pyrene	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Benzo(b)fluoranthene	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Benzo(k)fluoranthene	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Benzoic acid	1.7	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Benzyl alcohol	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Butylbenzylphthalate	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Chrysene	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Di-n-butylphthalate	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Di-n-octylphthalate	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Dibenzofuran	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Diethylphthalate	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Dimethyl phthalate	1.2	mg/kg	J-
54-15444	MD54-01-0015	10-10.83	Soil	Fluoranthene	0.34	mg/kg	UJ
54-15444	MD54-01-0015	10-10.83	Soil	Fluorene	0.34	mg/kg	UJ

Table D-2.0-2 (continued)

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Chlorotoluene[2-]	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Hexanone[2-]	0.022	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Chlorotoluene[4-]	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Isopropyltoluene[4-]	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Methyl-2-pentanone[4-]	0.0025	mg/kg	J+
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Acetone	0.027	mg/kg	J+
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Benzene	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Bromobenzene	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Bromochloromethane	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Bromodichloromethane	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Bromoform	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Bromomethane	0.011	mg/kg	UJ
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Carbon disulfide	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Carbon tetrachloride	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Chlorobenzene	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Chlorodibromomethane	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Chloroethane	0.011	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Chloroform	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Chloromethane	0.011	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Dichloropropene[cis-1,3-]	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Dibromomethane	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Dichlorodifluoromethane	0.011	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Ethylbenzene	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Iodomethane	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Isopropylbenzene	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Methylene chloride	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Butylbenzene[n-]	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Propylbenzene[1-]	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Butylbenzene[sec-]	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Styrene	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Butylbenzene[tert-]	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Tetrachloroethene	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Toluene	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Dichloropropene[trans-1,3-]	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Trichloroethene	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Trichlorofluoromethane	0.011	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Trichlorotrifluoroethane	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Qbt 3	Vinyl chloride	0.011	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Xylene (total)	0.0056	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dichlorophenol[2,4-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dimethylphenol[2,4-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Chloronaphthalene[2-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Chlorophenol[2-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Methylnaphthalene[2-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Methylphenol[2-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Nitroaniline[2-]	1.8	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Nitrophenol[2-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Nitroaniline[3-]	1.8	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Chloroaniline[4-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Methylphenol[4-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Nitroaniline[4-]	1.8	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Nitrophenol[4-]	1.8	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Aconaphthene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Aconaphthylene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Aniline	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Anthracene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Azobenzene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Benzo(a)anthracene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Benzo(a)pyrene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Benzo(b)fluoranthene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Benzo(g,h,i)perylene	0.38	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Benzo(k)fluoranthene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Benzoic acid	1.8	mg/kg	UJ
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Benzyl alcohol	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Butylbenzylphthalate	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Chrysene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Di-n-butylphthalate	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Di-n-octylphthalate	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dibenz(a,h)anthracene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dibenzofuran	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Diethylphthalate	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Dimethyl phthalate	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Fluoranthene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Fluorene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Hexachlorobenzene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Hexachlorobutadiene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Hexachloroethane	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Isophorone	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Naphthalene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Nitrobenzene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Pentachlorophenol	1.8	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Phenanthrene	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Phenol	0.38	mg/kg	U
54-15445	MD54-01-0018	11.08-11.58	Obt 3	Pyrene	0.38	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	pH	8.3	SU	None
54-15442	MD54-00-0104	4.67-5	Fill	Tetrachloroethane[1,1,1,2-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Trichloroethane[1,1,1-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Tetrachloroethane[1,1,2,2-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Trichloroethane[1,1,2-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichloroethane[1,1-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichloroethene[1,1-]	0.0054	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15442	MD54-00-0104	4.67-5	Fill	Dichloropropene[1,1-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Trichloropropene[1,2,3-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dibromo-3-chloropropene[1,2-]	0.011	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dibromoethane[1,2-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichlorobenzene[1,2-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichloroethane[1,2-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichloroethene[cis/trans-1,2-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichloropropene[1,2-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Trimethylbenzene[1,3,5-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichlorobenzene[1,3-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichloropropene[1,3-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichlorobenzene[1,4-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichloropropene[2,2-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Butanone[2-]	0.022	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Chlorotoluene[2-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Hexanone[2-]	0.022	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Chlorotoluene[4-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Isopropyltoluene[4-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Methyl-2-pentanone[4-]	0.022	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Acetone	0.022	mg/kg	UJ
54-15442	MD54-00-0104	4.67-5	Fill	Benzene	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Bromobenzene	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Bromochloromethane	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Bromodichloromethane	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Bromoform	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Bromomethane	0.011	mg/kg	UJ
54-15442	MD54-00-0104	4.67-5	Fill	Carbon disulfide	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Carbon tetrachloride	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Chlorobenzene	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Chlorodibromomethane	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Chloroethane	0.011	mg/kg	UJ
54-15442	MD54-00-0104	4.67-5	Fill	Chloroform	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Chloromethane	0.011	mg/kg	UJ
54-15442	MD54-00-0104	4.67-5	Fill	Dichloropropene[cis-1,3-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dibromomethane	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichlorodifluoromethane	0.011	mg/kg	UJ
54-15442	MD54-00-0104	4.67-5	Fill	Ethylbenzene	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Iodomethane	0.0054	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15442	MD54-00-0104	4.67-5	Fill	Isopropylbenzene	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Methylene chloride	0.0054	mg/kg	UJ
54-15442	MD54-00-0104	4.67-5	Fill	Butylbenzene[n-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Propylbenzene[1-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Styrene	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Butylbenzene[tert-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Tetrachloroethene	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Toluene	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichloropropene[trans-1,3-]	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Trichloroethene	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Trichlorofluoromethane	0.011	mg/kg	UJ
54-15442	MD54-00-0104	4.67-5	Fill	Trichlorotrifluoroethane	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Vinyl chloride	0.011	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Xylene (total)	0.0054	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichlorobenzene[1,2-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichlorobenzene[1,3-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichlorobenzene[1,4-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichlorophenol[2,4-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dimethylphenol[2,4-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dinitrophenol[2,4-]	1.7	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dinitrotoluene[2,4-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dinitrotoluene[2,6-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Chloronaphthalene[2-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Chlorophenol[2-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Methylnaphthalene[2-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Methylphenol[2-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Nitroaniline[2-]	1.7	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Nitrophenol[2-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Nitroaniline[3-]	1.7	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Chloroaniline[4-]	0.35	mg/kg	U



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15442	MD54-00-0104	4.67-5	Fill	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Methylphenol[4-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Nitroaniline[4-]	1.7	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Nitrophenol[4-]	1.7	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Acenaphthene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Acenaphthylene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Aniline	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Anthracene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Azobenzene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Benzo(a)anthracene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Benzo(a)pyrene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Benzo(b)fluoranthene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Benzo(g,h,i)perylene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Benzo(k)fluoranthene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Benzoic acid	1.7	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Benzyl alcohol	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Bis(2-chloroethyl)ether	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Butylbenzylphthalate	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Chrysene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Di-n-butylphthalate	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Di-n-octylphthalate	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dibenz(a,h)anthracene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dibenzofuran	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Diethylphthalate	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Dimethyl phthalate	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Fluoranthene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Fluorene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Hexachlorobenzene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Hexachlorobutadiene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Hexachlorocyclopentadiene	1.7	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Hexachloroethane	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Isophorone	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Nitrosodimethylamine[N-]	0.35	mg/kg	U
54-15442	MD54-00-0104	4.67-5	Fill	Nitrosodiphenylamine[N-]	0.35	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15442	MDS4-00-0104	4.67-5	Fill	Naphthalene	0.35	mg/kg	U
54-15442	MDS4-00-0104	4.67-5	Fill	Nitrobenzene	0.35	mg/kg	U
54-15442	MDS4-00-0104	4.67-5	Fill	Pentachlorophenol	1.7	mg/kg	U
54-15442	MDS4-00-0104	4.67-5	Fill	Phenanthrene	0.35	mg/kg	U
54-15442	MDS4-00-0104	4.67-5	Fill	Phenol	0.35	mg/kg	U
54-15442	MDS4-00-0104	4.67-5	Fill	Pyrene	0.35	mg/kg	U
54-15442	MDS4-00-0104	4.67-5	Fill	Strontium-90	0.26	pCi/g	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	pH	9.1	SU	None
54-15442	MDS4-00-0105	5.17-5.33	Fill	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Trichloroethane[1,1,1-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Trichloroethane[1,1,2-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dichloroethane[1,1-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dichloroethene[1,1-]	0.005	mg/kg	UJ
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dichloropropene[1,1-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Trichloropropane[1,2,3-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dibromoethane[1,2-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dichlorobenzene[1,2-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dichloroethane[1,2-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dichloropropane[1,2-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dichlorobenzene[1,3-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dichloropropane[1,3-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dichlorobenzene[1,4-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Dichloropropane[2,2-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Butanone[2-]	0.02	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Chlorotoluene[2-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Hexanone[2-]	0.02	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Chlorotoluene[4-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Isopropyltoluene[4-]	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Methyl-2-pentanone[4-]	0.02	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Acetone	0.02	mg/kg	UJ
54-15442	MDS4-00-0105	5.17-5.33	Fill	Benzene	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Bromobenzene	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Bromochloromethane	0.005	mg/kg	U
54-15442	MDS4-00-0105	5.17-5.33	Fill	Bromodichloromethane	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15442	MD54-00-0105	5.17-5.33	Fill	Bromoform	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Bromomethane	0.01	mg/kg	UJ
54-15442	MD54-00-0105	5.17-5.33	Fill	Carbon disulfide	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Carbon tetrachloride	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Chlorobenzene	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Chlorodibromomethane	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Chloroethane	0.01	mg/kg	UJ
54-15442	MD54-00-0105	5.17-5.33	Fill	Chloroform	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Chloromethane	0.01	mg/kg	UJ
54-15442	MD54-00-0105	5.17-5.33	Fill	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dibromomethane	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dichlorodifluoromethane	0.01	mg/kg	UJ
54-15442	MD54-00-0105	5.17-5.33	Fill	Ethylbenzene	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Iodomethane	0.005	mg/kg	UJ
54-15442	MD54-00-0105	5.17-5.33	Fill	Isopropylbenzene	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Methylene chloride	0.005	mg/kg	UJ
54-15442	MD54-00-0105	5.17-5.33	Fill	Butylbenzene[n-]	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Propylbenzene[1-]	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Styrene	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Butylbenzene[tert-]	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Tetrachloroethene	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Toluene	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Trichloroethene	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Trichlorofluoromethane	0.01	mg/kg	UJ
54-15442	MD54-00-0105	5.17-5.33	Fill	Trichlorotrifluoroethane	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Vinyl chloride	0.01	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Xylene (total)	0.005	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dichlorobenzene[1,2-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dichlorobenzene[1,3-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dichlorobenzene[1,4-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Oxybis(1-chloropropano)[2,2'-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dichlorophenol[2,4-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dimethylphenol[2,4-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dinitrophenol[2,4-]	1.7	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15442	MD54-00-0105	5.17-5.33	Fill	Dinitrotoluene[2,4-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dinitrotoluene[2,6-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Chloronaphthalene[2-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Chlorophenol[2-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Methylnaphthalene[2-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Methylphenol[2-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Nitroaniline[2-]	1.7	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Nitrophenol[2-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Nitroaniline[3-]	1.7	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Chloroaniline[4-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Methylphenol[4-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Nitroaniline[4-]	1.7	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Nitrophenol[4-]	1.7	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Acenaphthene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Acenaphthylene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Aniline	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Anthracene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Azobenzene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Benzo(a)anthracene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Benzo(a)pyrene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Benzo(b)fluoranthene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Benzo(g,h,i)perylene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Benzo(k)fluoranthene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Benzoic acid	1.7	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Benzyl alcohol	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Bis(2-chloroethyl)ether	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Bis(2-ethylhexyl)phthalate	0.054	mg/kg	J+
54-15442	MD54-00-0105	5.17-5.33	Fill	Butylbenzylphthalate	0.049	mg/kg	J+
54-15442	MD54-00-0105	5.17-5.33	Fill	Chrysene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Di-n-butylphthalate	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Di-n-octylphthalate	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dibenz(a,h)anthracene	0.35	mg/kg	U

**Table D-2.0-2 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15442	MD54-00-0105	5.17-5.33	Fill	Dibenzofuran	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Diethylphthalate	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Dimethyl phthalate	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Fluoranthene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Fluorene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Hexachlorobenzene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Hexachlorobutadiene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Hexachlorocyclopentadiene	1.7	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Hexachloroethane	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Isophorone	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Nitrosodimethylamine[N-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Naphthalene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Nitrobenzene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Pentachlorophenol	1.7	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Phenanthrene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Phenol	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Pyrene	0.35	mg/kg	U
54-15442	MD54-00-0105	5.17-5.33	Fill	Strontium-90	0.31	pCi/g	U
54-15441	MD54-00-0102	5.33-5.67	Fill	pH	9.3	SU	None
54-15441	MD54-00-0102	5.33-5.67	Fill	Tetrachloroethane[1,1,1,2-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Trichloroethane[1,1,1-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Tetrachloroethane[1,1,2,2-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Trichloroethane[1,1,2-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichloroethane[1,1-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichloroethene[1,1-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichloropropene[1,1-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Trichloropropane[1,2,3-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dibromoethane[1,2-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichlorobenzene[1,2-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichloroethane[1,2-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichloroethene[cis/trans-1,2-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichloropropane[1,2-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Trimethylbenzene[1,3,5-]	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichlorobenzene[1,3-]	0.0052	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15447	MD54-00-0102	5.33-5.67	Fill	Dichloropropane[1,3-]	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Dichlorobenzene[1,4-]	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Dichloropropane[2,2-]	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Butanone[2-]	0.021	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Chlorotoluene[2-]	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Hexanone[2-]	0.021	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Chlorotoluene[4-]	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Isopropyltoluene[4-]	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Methyl-2-pentanone[4-]	0.021	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Acetone	0.021	mg/kg	UJ
54-15447	MD54-00-0102	5.33-5.67	Fill	Benzene	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Bromobenzene	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Bromochloromethane	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Bromodichloromethane	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Bromoform	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Bromomethane	0.01	mg/kg	UJ
54-15447	MD54-00-0102	5.33-5.67	Fill	Carbon disulfide	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Carbon tetrachloride	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Chlorobenzene	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Chlorodibromomethane	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Chloroethane	0.01	mg/kg	UJ
54-15447	MD54-00-0102	5.33-5.67	Fill	Chloroform	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Chloromethane	0.01	mg/kg	UJ
54-15447	MD54-00-0102	5.33-5.67	Fill	Dichloropropene[cis-1,3-]	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Dibromomethane	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Dichlorodifluoromethane	0.01	mg/kg	UJ
54-15447	MD54-00-0102	5.33-5.67	Fill	Ethylbenzene	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Iodomethane	0.0052	mg/kg	UJ
54-15447	MD54-00-0102	5.33-5.67	Fill	Isopropylbenzene	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Methylene chloride	0.0052	mg/kg	UJ
54-15447	MD54-00-0102	5.33-5.67	Fill	Butylbenzene[n-]	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Propylbenzene[1-]	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Styrene	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Butylbenzene[tert-]	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Tetrachloroethene	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Toluene	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Dichloropropene[trans-1,3-]	0.0052	mg/kg	U
54-15447	MD54-00-0102	5.33-5.67	Fill	Trichloroethene	0.0052	mg/kg	U

**Table D-2.0-2 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15441	MD54-00-0102	5.33-5.67	Fill	Trichlorofluoromethane	0.01	mg/kg	UJ
54-15441	MD54-00-0102	5.33-5.67	Fill	Trichlorofluoroethane	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Vinyl chloride	0.01	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Xylene (total)	0.0052	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dinitrophenol[2,4-]	1.6	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Chloronaphthalene[2-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Chlorophenol[2-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Methylnaphthalene[2-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Methylphenol[2-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Nitroaniline[2-]	1.6	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Nitrophenol[2-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Nitroaniline[3-]	1.6	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Chloroaniline[4-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Methylphenol[4-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Nitroaniline[4-]	1.6	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Nitrophenol[4-]	1.6	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Acenaphthene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Acenaphthylene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Aniline	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Anthracene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Azobenzene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Benzo(a)anthracene	0.34	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15441	MD54-00-0102	5.33-5.67	Fill	Benzo(a)pyrene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Benzo(b)fluoranthene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Benzo(k)fluoranthene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Benzoic acid	1.6	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Benzyl alcohol	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Bis(2-ethylhexyl)phthalate	0.051	mg/kg	J+
54-15441	MD54-00-0102	5.33-5.67	Fill	Butylbenzylphthalate	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Chrysene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Di-n-butylphthalate	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Di-n-octylphthalate	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dibenzofuran	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Diethylphthalate	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Dimethyl phthalate	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Fluoranthene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Fluorene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Hexachlorobenzene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Hexachlorobutadiene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Hexachlorocyclopentadiene	1.6	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Hexachloroethane	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Isophorone	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Nitrosodimethylamine[N-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Naphthalene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Nitrobenzene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Pentachlorophenol	1.6	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Phenanthrene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Phenol	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Pyrene	0.34	mg/kg	U
54-15441	MD54-00-0102	5.33-5.67	Fill	Strontium-90	0.15	pCi/g	U
54-15441	MD54-00-0103	5.67-5.83	Fill	pH	8.3	SU	None
54-15441	MD54-00-0103	5.67-5.83	Fill	Tetrachloroethane[1,1,1,2-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Trichloroethane[1,1,1-]	0.0049	mg/kg	U



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15441	MD54-00-0103	5.67-5.83	Fill	Tetrachloroethane[1,1,2,2-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Trichloroethane[1,1,2-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichloroethane[1,1-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichloroethene[1,1-]	0.0049	mg/kg	UJ
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichloropropene[1,1-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Trichloropropane[1,2,3-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dibromo-3-chloropropane[1,2-]	0.0099	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dibromoethane[1,2-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichlorobenzene[1,2-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichloroethane[1,2-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichloroethene[cis/trans-1,2-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichloropropane[1,2-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Trimethylbenzene[1,3,5-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichlorobenzene[1,3-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichloropropane[1,3-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichlorobenzene[1,4-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichloropropane[2,2-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Butanone[2-]	0.02	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Chlorotoluene[2-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Hexanone[2-]	0.02	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Chlorotoluene[4-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Isopropyltoluene[4-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Methyl-2-pentanone[4-]	0.02	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Acetone	0.02	mg/kg	UJ
54-15441	MD54-00-0103	5.67-5.83	Fill	Benzene	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Bromobenzene	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Bromochloromethane	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Bromodichloromethane	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Bromoform	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Bromomethane	0.0099	mg/kg	UJ
54-15441	MD54-00-0103	5.67-5.83	Fill	Carbon disulfide	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Carbon tetrachloride	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Chlorobenzene	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Chlorodibromomethane	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Chloroethane	0.0099	mg/kg	UJ
54-15441	MD54-00-0103	5.67-5.83	Fill	Chloroform	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Chloromethane	0.0099	mg/kg	UJ
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichloropropene[cis-1,3-]	0.0049	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15441	MD54-00-0103	5.67-5.83	Fill	Dibromomethane	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichlorodifluoromethane	0.0099	mg/kg	UJ
54-15441	MD54-00-0103	5.67-5.83	Fill	Ethylbenzene	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Iodomethane	0.0049	mg/kg	UJ
54-15441	MD54-00-0103	5.67-5.83	Fill	Isopropylbenzene	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Methylene chloride	0.0049	mg/kg	UJ
54-15441	MD54-00-0103	5.67-5.83	Fill	Butylbenzene[n-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Propylbenzene[1-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Styrene	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Butylbenzene[tert-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Tetrachloroethene	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Toluene	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichloropropane[trans-1,3-]	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Trichloroethene	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Trichlorofluoromethane	0.0099	mg/kg	UJ
54-15441	MD54-00-0103	5.67-5.83	Fill	Trichlorotrifluoroethane	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Vinyl chloride	0.0099	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Xylene (total)	0.0049	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichlorobenzene[1,2-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichlorobenzene[1,3-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichlorobenzene[1,4-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Trichlorophenol[2,4,5-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichlorophenol[2,4-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dimethylphenol[2,4-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dinitrophenol[2,4-]	1.6	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dinitrotoluene[2,4-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dinitrotoluene[2,6-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Chloronaphthalene[2-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Chlorophenol[2-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Methylnaphthalene[2-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Methylphenol[2-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Nitroaniline[2-]	1.6	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Nitrophenol[2-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Nitroaniline[3-]	1.6	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15441	MD54-00-0103	5.67-5.83	Fill	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Chloroaniline[4-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Chlorophenyl-phenyl[4-] ether	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Methylphenol[4-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Nitroaniline[4-]	1.6	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Nitrophenol[4-]	1.6	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Acenaphthene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Acenaphthylene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Aniline	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Anthracene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Azobenzene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Benzo(a)anthracene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Benzo(a)pyrene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Benzo(b)fluoranthene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Benzo(g,h,i)perylene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Benzo(k)fluoranthene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Benzoic acid	1.6	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Benzyl alcohol	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Bis(2-chloroethyl)ether	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Bis(2-ethylhexyl)phthalate	0.056	mg/kg	J+
54-15441	MD54-00-0103	5.67-5.83	Fill	Butylbenzylphthalate	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Chrysene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Di-n-butylphthalate	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Di-n-octylphthalate	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dibenz(a,h)anthracene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dibenzofuran	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Diethylphthalate	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Dimethyl phthalate	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Fluoranthene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Fluorene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Hexachlorobenzene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Hexachlorobutadiene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Hexachlorocyclopentadiene	1.6	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Hexachloroethane	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15441	MD54-00-0103	5.67-5.83	Fill	Isophorone	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Nitrosodimethylamine[N-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Naphthalene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Nitrobenzene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Pentachlorophenol	1.6	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Phenanthrene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Phenol	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Pyrene	0.33	mg/kg	U
54-15441	MD54-00-0103	5.67-5.83	Fill	Strontium-90	0.07	pCi/g	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	pH	9.1	SU	None
54-15440	MD54-00-0101	5.67-6	Fill	pH	8.8	SU	None
54-15437	MD54-00-0095	5.67-6	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Trichloroethane[1,1,1-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Trichloroethane[1,1,2-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichloroethane[1,1-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichloroethane[1,1-]	0.0066	mg/kg	UJ
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichloropropene[1,1-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Trichloropropane[1,2,3-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dibromoethane[1,2-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichlorobenzene[1,2-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichloroethane[1,2-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichloroethene[cis/trans-1,2-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichloropropane[1,2-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Trimethylbenzene[1,3,5-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichlorobenzene[1,3-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichloropropane[1,3-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichlorobenzene[1,4-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichloropropane[2,2-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15437	MD54-00-0095	5.67-6	Obt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Butanone[2-]	0.027	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Chlorophenol[2-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Chlorotoluene[2-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Hexanone[2-]	0.027	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Methylphenol[2-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Nitroaniline[2-]	1.7	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Nitrophenol[2-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Nitroaniline[3-]	1.7	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Chloroaniline[4-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Chlorotoluene[4-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Isopropyltoluene[4-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Methyl-2-pentanone[4-]	0.027	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Methylphenol[4-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Nitroaniline[4-]	1.7	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Nitrophenol[4-]	1.7	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Acenaphthene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Acenaphthylene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Acetone	0.027	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Aniline	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Anthracene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Azobenzene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Benzene	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Benzo(a)anthracene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Benzo(a)pyrene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Benzo(b)fluoranthene	0.36	mg/kg	U

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Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15437	MD54-00-0095	5.67-6	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Benzoic acid	1.7	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Bromobenzene	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Bromochloromethane	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Bromodichloromethane	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Bromoform	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Bromomethane	0.013	mg/kg	UJ
54-15437	MD54-00-0095	5.67-6	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Carbon disulfide	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Carbon tetrachloride	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Chlorobenzene	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Chlorodibromomethane	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Chloroethane	0.013	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Chloroform	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Chloromethane	0.013	mg/kg	UJ
54-15437	MD54-00-0095	5.67-6	Qbt 3	Chrysene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichloropropene[cis-1,3-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dibenzofuran	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dibromomethane	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichlorodifluoromethane	0.013	mg/kg	UJ
54-15437	MD54-00-0095	5.67-6	Qbt 3	Diethylphthalate	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Ethylbenzene	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Fluoranthene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Fluorone	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Hexachloroethane	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15437	MD54-00-0095	5.67-6	Qbt 3	Iodomethane	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Isophorone	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Isopropylbenzene	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Methylene chloride	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Butylbenzene[n-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Propylbenzene[1-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Naphthalene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Nitrobenzene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Phenanthrene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Phenol	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Pyrene	0.36	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Styrene	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Butylbenzene[tert-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Tetrachloroethene	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Toluene	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Dichloropropene[trans-1,3-]	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Trichloroethene	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Trichlorofluoromethane	0.013	mg/kg	UJ
54-15437	MD54-00-0095	5.67-6	Qbt 3	Trichlorotrifluoroethane	0.0066	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Vinyl chloride	0.013	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Qbt 3	Xylene (total)	0.0066	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Tetrachloroethane[1,1,1,2-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Trichloroethane[1,1,1-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Tetrachloroethane[1,1,2,2-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Trichloroethane[1,1,2-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichloroethane[1,1-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichloroethene[1,1-]	0.0079	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Dichloropropene[1,1-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Trichloropropane[1,2,3-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dibromo-3-chloropropane[1,2-]	0.016	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dibromoethane[1,2-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichlorobenzene[1,2-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichlorobenzene[1,2-]	0.36	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15440	MD54-00-0101	5.67-6	Fill	Dichloroethane[1,2-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichloroethene[cis/trans-1,2-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichloropropane[1,2-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Trimethylbenzene[1,3,5-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichlorobenzene[1,3-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichlorobenzene[1,3-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichloropropane[1,3-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichlorobenzene[1,4-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichlorobenzene[1,4-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichloropropane[2,2-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichlorophenol[2,4-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dimethylphenol[2,4-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dinitrophenol[2,4-]	1.7	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dinitrotoluene[2,4-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dinitrotoluene[2,6-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Butanone[2-]	0.031	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Chloronaphthalene[2-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Chlorophenol[2-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Chlorotoluene[2-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Hexanone[2-]	0.031	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Methylnaphthalene[2-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Methylphenol[2-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Nitroaniline[2-]	1.7	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Nitrophenol[2-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Nitroaniline[3-]	1.7	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Bromophenyl-phenylether[4-]	0.36	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Chloroaniline[4-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Chlorotoluene[4-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Isopropyltoluene[4-]	0.0077	mg/kg	J
54-15440	MD54-00-0101	5.67-6	Fill	Methyl-2-pentanone[4-]	0.031	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Methylphenol[4-]	0.36	mg/kg	U



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15440	MD54-00-0101	5.67-6	Fill	Nitroaniline[4-]	1.7	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Nitrophenol[4-]	1.7	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Acenaphthene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Acenaphthylene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Acetone	0.031	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Aniline	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Anthracene	0.36	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Azobenzene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Benzene	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Benzo(a)anthracene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Benzo(a)pyrene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Benzo(b)fluoranthene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Benzo(g,h,i)perylene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Benzo(k)fluoranthene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Benzoic acid	1.7	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Benzyl alcohol	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Bis(2-chloroethyl)ether	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Bromobenzene	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Bromochloromethane	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Bromodichloromethane	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Bromoform	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Bromomethane	0.016	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Butylbenzylphthalate	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Carbon disulfide	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Carbon tetrachloride	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Chlorobenzene	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Chlorodibromomethane	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Chloroethane	0.016	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Chloroform	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Chloromethane	0.016	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Chrysene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichloropropene[cis-1,3-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Di-n-butylphthalate	0.36	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Di-n-octylphthalate	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dibenz(a,h)anthracene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dibenzofuran	0.36	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15440	MD54-00-0101	5.67-6	Fill	Dibromomethane	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichlorodifluoromethane	0.016	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Diethylphthalate	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dimethyl phthalate	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Ethylbenzene	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Fluoranthene	0.36	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Fluorene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Hexachlorobenzene	0.36	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Hexachlorobutadiene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Hexachlorocyclopentadiene	1.7	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Hexachloroethane	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Iodomethane	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Isophorone	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Isopropylbenzene	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Methylene chloride	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Butylbenzene[n-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Nitrosodimethylamine[N-]	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Nitrosodiphenylamine[N-]	0.36	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Propylbenzene[1-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Naphthalene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Nitrobenzene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Pentachlorophenol	1.7	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Phenanthrene	0.36	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Phenol	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Pyrene	0.36	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Styrene	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Butylbenzene[tert-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Tetrachloroethene	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Toluene	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Dichloropropene[trans-1,3-]	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Trichloroethene	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Trichlorofluoromethane	0.016	mg/kg	UJ
54-15440	MD54-00-0101	5.67-6	Fill	Trichlorotrifluoroethane	0.0079	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Vinyl chloride	0.016	mg/kg	U
54-15440	MD54-00-0101	5.67-6	Fill	Xylene (total)	0.0079	mg/kg	U
54-15437	MD54-00-0095	5.67-6	Obt 3	Strontium-90	-0.14	pCi/g	U

**Table D-2.0-2 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15440	MD54-00-0101	5.67-6	Fill	Strontium-90	-0.24	pCi/g	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	pH	8.4	SU	None
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichloroethene[cis/trans-1,2-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Butanone[2-]	0.024	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Chlorophenol[2-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Chlorotoluene[2-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Hexanone[2-]	0.024	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Methylnaphthalene[2-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Bromophenyl-phenyl ether[4-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Acenaphthone	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Acenaphthylene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Acetone	0.024	mg/kg	UJ
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Aniline	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Anthracene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Azobenzene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Benzene	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Benzo(a)anthracene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Benzo(a)pyrene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Benzo(b)fluoranthene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Benzo(k)fluoranthene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Benzoic acid	1.8	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.041	mg/kg	J
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Bromobenzene	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Bromochloromethane	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Bromoform	0.006	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Bromomethane	0.012	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Carbon disulfide	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Chlorobenzene	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Chloroethane	0.012	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Chloroform	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Chloromethane	0.012	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Chrysene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Dibenz(a,h)anthracene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Dibenzofuran	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Dibromomethane	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Diethylphthalate	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Ethylbenzene	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Fluoranthene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Fluorene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Hexachloroethane	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Iodomethane	0.024	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Isophorone	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Methylene chloride	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Naphthalene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Qbt 3	Nitrobenzene	0.37	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Pentachlorophenol	1.8	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Phenanthrene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Phenol	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Pyrene	0.37	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Styrene	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Butylbenzene[tert-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Tetrachloroethene	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Toluene	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Trichloroethene	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Trichlorofluoromethane	0.012	mg/kg	UJ
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Trichlorotrifluoroethane	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Vinyl chloride	0.012	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Xylene (total)	0.006	mg/kg	U
54-15439	MD54-00-0099	5.83-6.5	Obt 3	Strontium-90	0.17	pCi/g	U
54-15437	MD54-00-0094	5-5.5	Fill	pH	9	SU	None
54-15437	MD54-00-0094	5-5.5	Fill	Tetrachloroethane[1,1,1,2-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Trichloroethane[1,1,1-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Tetrachloroethane[1,1,2,2-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Trichloroethane[1,1,2-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichloroethane[1,1-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichloroethene[1,1-]	0.0062	mg/kg	UJ
54-15437	MD54-00-0094	5-5.5	Fill	Dichloropropene[1,1-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Trichloropropane[1,2,3-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dibromoethane[1,2-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichlorobenzene[1,2-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichloroethane[1,2-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichloroethene[cis/trans-1,2-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichloropropane[1,2-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichlorobenzene[1,3-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichloropropane[1,3-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichlorobenzene[1,4-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichlorobenzene[1,4-]	0.34	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15437	MD54-00-0094	5-5.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichloropropane[2,2'-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dinitrophenol[2,4-]	1.7	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Butanone[2-]	0.025	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Chloronaphthalene[2-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Chlorophenol[2-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Chlorotoluene[2-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Hexanone[2-]	0.025	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Methylnaphthalene[2-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Methylphenol[2-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Nitroaniline[2-]	1.7	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Nitrophenol[2-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Nitroaniline[3-]	1.7	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Chloroaniline[4-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Chlorotoluene[4-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Isopropyltoluene[4-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Methyl-2-pentanone[4-]	0.025	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Methylphenol[4-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Nitroaniline[4-]	1.7	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Nitrophenol[4-]	1.7	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Acenaphthene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Acenaphthylene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Acetone	0.025	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Aniline	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Anthracene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Azobenzene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Benzene	0.0062	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15437	MD54-00-0094	5-5.5	Fill	Benzo(a)anthracene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Benzo(a)pyrene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Benzo(b)fluoranthene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Benzo(k)fluoranthene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Benzoic acid	1.7	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Benzyl alcohol	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Bromobenzene	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Bromochloromethane	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Bromodichloromethane	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Bromoforn	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Bromomethane	0.012	mg/kg	UJ
54-15437	MD54-00-0094	5-5.5	Fill	Butylbenzylphthalate	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Carbon disulfide	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Carbon tetrachloride	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Chlorobenzene	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Chlorodibromomethane	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Chloroethane	0.012	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Chloroform	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Chloromethane	0.012	mg/kg	UJ
54-15437	MD54-00-0094	5-5.5	Fill	Chrysene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichloropropene[cis-1,3-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Di-n-butylphthalate	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Di-n-octylphthalate	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dibenzofuran	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dibromomethane	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichlorodifluoromethane	0.012	mg/kg	UJ
54-15437	MD54-00-0094	5-5.5	Fill	Diethylphthalate	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dimethyl phthalate	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Ethylbenzene	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Fluoranthene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Fluorene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Hexachlorobenzene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Hexachlorobutadiene	0.34	mg/kg	U



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15437	MD54-00-0094	5-5.5	Fill	Hexachlorocyclopentadiene	1.7	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Hexachloroethane	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Iodomethane	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Isophorone	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Isopropylbenzene	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Methylene chloride	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Butylbenzene[n-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Nitrosodimethylamine[N-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Propylbenzene[1-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Naphthalene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Nitrobenzene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Pentachlorophenol	1.7	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Phenanthrene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Phenol	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Pyrene	0.34	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Styrene	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Butylbenzene[tert-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Tetrachloroethene	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Toluene	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Dichloropropene[trans-1,3-]	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Trichloroethene	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Trichlorofluoromethane	0.012	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Trichlorotrifluoroethane	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Vinyl chloride	0.012	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Xylene (total)	0.0062	mg/kg	U
54-15437	MD54-00-0094	5-5.5	Fill	Strontium-90	-0.32	pCi/g	U
54-15440	MD54-00-0100	5-5.67	Fill	pH	9	SU	None
54-15440	MD54-00-0154	5-5.67	Fill	pH	9.1	SU	None
54-15440	MD54-00-0100	5-5.67	Fill	Tetrachloroethane[1,1,1,2-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Trichloroethane[1,1,1-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Tetrachloroethane[1,1,2,2-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Trichloroethane[1,1,2-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichloroethane[1,1-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichloroethene[1,1-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichloropropene[1,1-]	0.0062	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15440	MD54-00-0100	5-5.67	Fill	Trichloropropane[1,2,3-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dibromoethane[1,2-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichlorobenzene[1,2-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Dichloroethane[1,2-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichloroethene[cis/trans-1,2-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichloropropane[1,2-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichlorobenzene[1,3-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Dichloropropane[1,3-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichlorobenzene[1,4-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Dichloropropane[2,2-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Dinitrophenol[2,4-]	1.7	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dinitrotoluene[2,4-]	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dinitrotoluene[2,6-]	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Butanone[2-]	0.025	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Chloronaphthalene[2-]	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Chlorophenol[2-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Chlorotoluene[2-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Hexanone[2-]	0.025	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Methylnaphthalene[2-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Methylphenol[2-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Nitroaniline[2-]	1.7	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Nitrophenol[2-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Nitroaniline[3-]	1.7	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15440	MD54-00-0100	5-5.67	Fill	Chloroaniline[4-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Chlorotoluene[4-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Isopropyltoluene[4-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Methyl-2-pentanone[4-]	0.025	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Methylphenol[4-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Nitroaniline[4-]	1.7	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Nitrophenol[4-]	1.7	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Acenaphthene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Acenaphthylene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Acetone	0.025	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Aniline	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Anthracene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Azobenzene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Benzene	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Benzo(a)anthracene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Benzo(a)pyrene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Benzo(b)fluoranthene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Benzo(g,h,i)perylene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Benzo(k)fluoranthene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Benzoic acid	1.7	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Benzyl alcohol	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Bis(2-ethylhexyl)phthalate	0.078	mg/kg	J
54-15440	MD54-00-0100	5-5.67	Fill	Bromobenzene	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Bromochloromethane	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Bromodichloromethane	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Bromoform	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Bromomethane	0.012	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Butylbenzylphthalate	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Carbon disulfide	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Carbon tetrachloride	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Chlorobenzene	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Chlorodibromomethane	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Chloroethane	0.012	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Chloroform	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Chloromethane	0.012	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15440	MD54-00-0100	5-5.67	Fill	Chrysene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichloropropene[cis-1,3-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Di-n-butylphthalate	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Di-n-octylphthalate	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dibenz(a,h)anthracene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dibenzofuran	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dibromomethane	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dichlorodifluoromethane	0.012	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Diethylphthalate	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Dimethyl phthalate	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Ethylbenzene	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Fluoranthene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Fluorene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Hexachlorobenzene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Hexachlorobutadiene	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Hexachlorocyclopentadiene	1.7	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Hexachloroethane	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Iodomethane	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Isophorone	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Isopropylbenzene	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Methylene chloride	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Butylbenzene[n-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Propylbenzene[1-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Naphthalene	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Nitrobenzene	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Pentachlorophenol	1.7	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Phenanthrene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Phenol	0.35	mg/kg	UJ
54-15440	MD54-00-0100	5-5.67	Fill	Pyrene	0.35	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Styrene	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Butylbenzene[tert-]	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Tetrachloroethene	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Toluene	0.0022	mg/kg	J
54-15440	MD54-00-0100	5-5.67	Fill	Dichloropropene[trans-1,3-]	0.0062	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15440	MD54-00-0100	5-5.67	Fill	Trichloroethene	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Trichlorofluoromethane	0.012	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Trichlorotrifluoroethane	0.0062	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Vinyl chloride	0.012	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Xylene (total)	0.0062	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Tetrachloroethane[1,1,1,2-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Trichloroethane[1,1,1-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Tetrachloroethane[1,1,2,2-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Trichloroethane[1,1,2-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichloroethane[1,1-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichloroethene[1,1-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichloropropene[1,1-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Trichloropropane[1,2,3-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dibromoethane[1,2-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichlorobenzene[1,2-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichlorobenzene[1,2-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichloroethane[1,2-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichloroethene[cis/trans-1,2-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichloropropane[1,2-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichlorobenzene[1,3-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichlorobenzene[1,3-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichloropropane[1,3-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichlorobenzene[1,4-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichlorobenzene[1,4-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichloropropane[2,2-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichlorophenol[2,4-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dimethylphenol[2,4-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dinitrophenol[2,4-]	1.7	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dinitrotoluene[2,4-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dinitrotoluene[2,6-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Butanone[2-]	0.026	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Chloronaphthalene[2-]	0.35	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15440	MD54-00-0154	5-5.67	Fill	Chlorophenol[2-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Chlorotoluene[2-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Hexanone[2-]	0.026	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Methylnaphthalene[2-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Methylphenol[2-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Nitroanilino[2-]	1.7	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Nitrophenol[2-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Nitroaniline[3-]	1.7	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Chloroanilino[4-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Chlorotoluene[4-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Isopropyltoluene[4-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Methyl-2-pentanone[4-]	0.026	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Methylphenol[4-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Nitroanilino[4-]	1.7	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Nitrophenol[4-]	1.7	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Acenaphthene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Acenaphthylene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Acetone	0.026	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Aniline	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Anthracene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Azobenzene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Benzene	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Benzo(a)anthracene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Benzo(a)pyrene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Benzo(b)fluoranthene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Benzo(g,h,i)perylene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Benzo(k)fluoranthene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Benzoic acid	1.7	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Benzyl alcohol	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Bis(2-chloroethyl)ether	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Bromobenzene	0.0065	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15440	MD54-00-0154	5-5.67	Fill	Bromochloromethane	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Bromodichloromethane	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Bromoform	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Bromomethane	0.013	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Butylbenzylphthalate	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Carbon disulfide	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Carbon tetrachloride	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Chlorobenzene	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Chlorodibromomethane	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Chloroethane	0.013	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Chloroform	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Chloromethane	0.013	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Chrysene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichloropropene[cis-1,3-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Di-n-butylphthalate	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Di-n-octylphthalate	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dibenz(a,h)anthracene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dibenzofuran	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dibromomethane	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichlorodifluoromethane	0.013	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Diethylphthalate	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dimethyl phthalate	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Ethylbenzene	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Fluoranthene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Fluorene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Hexachlorobenzene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Hexachlorobutadiene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Hexachlorocyclopentadiene	1.7	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Hexachloroethane	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Iodomethane	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Isophorone	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Isopropylbenzene	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Methylene chloride	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Butylbenzene[n-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Nitrosodimethylamine[N-]	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Nitrosodiphenylamine[N-]	0.35	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15440	MD54-00-0154	5-5.67	Fill	Propylbenzene[1-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Naphthalene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Nitrobenzene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Pentachlorophenol	1.7	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Phenanthrene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Phenol	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Pyrene	0.35	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Styrene	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Butylbenzene[tert-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Tetrachloroethene	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Toluene	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Dichloropropene[trans-1,3-]	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Trichloroethene	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Trichlorofluoromethane	0.013	mg/kg	UJ
54-15440	MD54-00-0154	5-5.67	Fill	Trichlorotrifluoroethane	0.0065	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Vinyl chloride	0.013	mg/kg	U
54-15440	MD54-00-0154	5-5.67	Fill	Xylene (total)	0.0065	mg/kg	U
54-15440	MD54-00-0100	5-5.67	Fill	Strontium-90	-0.2	pCi/g	U
54-15440	MD54-00-0154	5-5.67	Fill	Strontium-90	-0.14	pCi/g	U
54-15439	MD54-00-0098	5-5.83	Fill	pH	9	SU	None
54-15439	MD54-00-0098	5-5.83	Fill	Tetrachloroethane[1,1,1,2-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Trichloroethane[1,1,1-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Tetrachloroethane[1,1,2,2-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Trichloroethane[1,1,2-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichloroethane[1,1-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichloroethene[1,1-]	0.0058	mg/kg	UJ
54-15439	MD54-00-0098	5-5.83	Fill	Dichloropropene[1,1-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Trichloropropane[1,2,3-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dibromomethane[1,2-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichlorobenzene[1,2-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichlorobenzene[1,2-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichloroethane[1,2-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichloroethene[cis/trans-1,2-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichloropropane[1,2-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichlorobenzene[1,3-]	0.0058	mg/kg	U



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15439	MD54-00-0098	5-5.83	Fill	Dichlorobenzene[1,3-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichloropropane[1,3-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichlorobenzene[1,4-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichlorobenzene[1,4-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Oxybis(1-chloropropane)[2,2-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichloropropane[2,2-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichlorophenol[2,4-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dimethylphenol[2,4-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dinitrophenol[2,4-]	1.8	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dinitrotoluene[2,4-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dinitrotoluene[2,6-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Butanone[2-]	0.023	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Chloronaphthalene[2-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Chlorophenol[2-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Chlorotoluene[2-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Hexanone[2-]	0.023	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Methylnaphthalene[2-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Methylphenol[2-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Nitroaniline[2-]	1.8	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Nitrophenol[2-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Nitroaniline[3-]	1.8	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Chloroaniline[4-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Chlorotoluene[4-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Isopropyltoluene[4-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Methyl-2-pentanone[4-]	0.023	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Methylphenol[4-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Nitroaniline[4-]	1.8	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Nitrophenol[4-]	1.8	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Acenaphthene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Acenaphthylene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Acetone	0.023	mg/kg	U

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Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15439	MD54-00-0098	5-5.83	Fill	Aniline	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Anthracene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Azobenzene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Benzene	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Benzo(a)anthracene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Benzo(a)pyrene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Benzo(b)fluoranthene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Benzo(g,h,i)perylene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Benzo(k)fluoranthene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Benzoic acid	1.8	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Benzyl alcohol	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Bis(2-chloroethyl)ether	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Bromobenzene	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Bromochloromethane	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Bromodichloromethane	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Bromoform	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Bromomethane	0.012	mg/kg	UJ
54-15439	MD54-00-0098	5-5.83	Fill	Butylbenzylphthalate	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Carbon disulfide	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Carbon tetrachloride	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Chlorobenzene	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Chlorodibromomethane	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Chloroethane	0.012	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Chloroform	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Chloromethane	0.012	mg/kg	UJ
54-15439	MD54-00-0098	5-5.83	Fill	Chrysene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichloropropene[cis-1,3-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Di-n-butylphthalate	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Di-n-octylphthalate	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dibenz(a,h)anthracene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dibenzofuran	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dibromomethane	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichlorodifluoromethane	0.012	mg/kg	UJ
54-15439	MD54-00-0098	5-5.83	Fill	Diethylphthalate	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dimethylphthalate	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Ethylbenzene	0.0058	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15439	MD54-00-0098	5-5.83	Fill	Fluoranthene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Fluorene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Hexachlorobenzene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Hexachlorobutadiene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Hexachlorocyclopentadiene	1.8	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Hexachloroethane	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Iodomethane	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Isophorone	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Isopropylbenzene	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Methylene chloride	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Butylbenzene[n-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Nitrosodimethylamine[N-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Propylbenzene[1-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Naphthalene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Nitrobenzene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Pentachlorophenol	1.8	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Phenanthrene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Phenol	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Pyrene	0.37	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Styrene	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Butylbenzene[tert-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Tetrachloroethene	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Toluene	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Dichloropropene[trans-1,3-]	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Trichloroethene	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Trichlorofluoromethane	0.012	mg/kg	UJ
54-15439	MD54-00-0098	5-5.83	Fill	Trichlorotrifluoroethane	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Vinyl chloride	0.012	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Xylene (total)	0.0058	mg/kg	U
54-15439	MD54-00-0098	5-5.83	Fill	Strontium-90	0.005	pCi/g	U
54-15429	MD54-01-0050	12-24	Soil	Tetrachloroethane[1,1,1,2-]	0.0067	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Trichloroethane[1,1,1-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Tetrachloroethane[1,1,2,2-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Trichloroethane[1,1,2-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichloroethane[1,1-]	0.0067	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0050	12-24	Soil	Dichloroethene[1,1-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichloropropene[1,1-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Trichloropropane[1,2,3-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Trimethylbenzene[1,2,4-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dibromoethane[1,2-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichlorobenzene[1,2-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichloroethane[1,2-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichloroethene[cis/trans-1,2-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichloropropane[1,2-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Trimethylbenzene[1,3,5-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichlorobenzene[1,3-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichloropropane[1,3-]	0.0067	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Dichlorobenzene[1,4-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichloropropane[2,2-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Butanone[2-]	0.027	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Chlorotoluene[2-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Hexanone[2-]	0.027	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Chlorotoluene[4-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Isopropyltoluene[4-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Methyl-2-pentanone[4-]	0.027	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Acetone	0.027	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Benzene	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Bromobenzene	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Bromochloromethane	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Bromodichloromethane	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Bromoform	0.0067	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Bromomethane	0.013	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Carbon disulfide	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Carbon tetrachloride	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Chlorobenzene	0.0067	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Chlorodibromomethane	0.0067	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Chloroethane	0.013	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Chloroform	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Chloromethane	0.013	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichloropropene[cis-1,3-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dibromomethane	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichlorodifluoromethane	0.013	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Ethylbenzene	0.0067	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0050	12-24	Soil	Iodomethane	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Isopropylbenzene	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Methylene chloride	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Butylbenzene[n-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Propylbenzene[1-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Butylbenzene[sec-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Styrene	0.0067	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Butylbenzene[tert-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Tetrachloroethene	0.0067	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Toluene	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichloropropene[trans-1,3-]	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Trichloroethene	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Trichlorofluoromethane	0.013	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Trichlorotrifluoroethane	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Vinyl chloride	0.013	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Xylene (total)	0.0067	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Methylphenol[4-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Nitroaniline[4-]	1.7	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Nitrophenol[4-]	1.7	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Aconaphthene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Aconaphthylene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Aniline	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Anthracene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Azobenzene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Benzo(a)anthracene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Benzo(a)pyrene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Benzo(b)fluoranthene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Benzo(g,h,i)perylene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Benzo(k)fluoranthene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Benzoic acid	1.7	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Benzyl alcohol	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Bis(2-chloroethoxy)methane	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Bis(2-chloroethyl)ether	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Butylbenzylphthalate	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Chrysene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Di-n-butylphthalate	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Di-n-octylphthalate	0.36	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0050	12-24	Soil	Dibenz(a,h)anthracene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Dibenzofuran	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Diethylphthalate	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Dimethyl phthalate	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Fluoranthene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Fluoreno	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Hexachlorobenzene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Hexachlorobutadiene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Hexachloroethane	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Isophorone	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Nitroso-di-n-propylamino[N-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Nitrosodimethylamino[N-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Nitrosodiphenylamine[N-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Naphthalene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Nitrobenzene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Pentachlorophenol	1.7	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Phenanthrene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Phenol	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Pyrene	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	pH	6.99	SU	None
54-15429	MD54-01-0050	12-24	Soil	Trichlorobenzene[1,2,4-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Dichlorobenzene[1,2-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Dichlorobenzene[1,3-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Dichlorobenzene[1,4-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Trichlorophenol[2,4,5-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Trichlorophenol[2,4,6-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Dichlorophenol[2,4-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Dimethylphenol[2,4-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Dinitrotoluene[2,4-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Dinitrotoluene[2,6-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Chloronaphthalene[2-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Chlorophenol[2-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Methylnaphthalene[2-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Methylphenol[2-]	0.36	mg/kg	UJ
54-15429	MD54-01-0050	12-24	Soil	Nitroaniline[2-]	1.7	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0050	12-24	Soil	Nitrophenol[2-]	0.36	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Nitroaniline[3-]	1.7	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
54-15429	MD54-01-0050	12-24	Soil	Chloroaniline[4-]	0.36	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	pH	8.4	SU	None
54-15459	MD54-01-0007	4.5-5.33	Fill	Pentachlorophenol	1.6	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Phenanthrene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Phenol	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Pyrene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichloropropene[trans-1,3-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Trichloroethene	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Trichlorofluoromethane	0.011	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Trichlorotrifluoroethane	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Vinyl chloride	0.011	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Xylene (total)	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dinitrophenol[2,4-]	1.6	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chloronaphthalene[2-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chlorophenol[2-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Methylnaphthalene[2-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Methylphenol[2-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Nitroaniline[2-]	1.6	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Nitrophenol[2-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Nitroaniline[3-]	1.6	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chloroaniline[4-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15459	MD54-01-0007	4.5-5.33	Fill	Methylphenol[4-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Nitroaniline[4-]	1.6	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Nitrophenol[4-]	1.6	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Acenaphthene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Acenaphthylene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Aniline	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Anthracene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Azobenzene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Benzo(a)anthracene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Benzo(a)pyrene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Benzo(b)fluoranthene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Benzo(k)fluoranthene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Benzoic acid	1.6	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Benzyl alcohol	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Butylbenzylphthalate	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chrysene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Di-n-butylphthalate	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Di-n-octylphthalate	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dibenzofuran	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Diethylphthalate	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dimethyl phthalate	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Fluoranthene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Fluorene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Hexachlorobenzene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Hexachlorobutadiene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Hexachlorocyclopentadiene	1.6	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Hexachloroethane	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Isophorone	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Nitrosodimethylamine[N-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Naphthalene	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Nitrobenzene	0.34	mg/kg	U



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15459	MD54-01-0007	4.5-5.33	Fill	Tetrachloroethane[1,1,1,2-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Trichloroethane[1,1,1-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Tetrachloroethane[1,1,2,2-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Trichloroethane[1,1,2-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichloroethane[1,1-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichloroethene[1,1-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichloropropene[1,1-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Trichloropropane[1,2,3-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dibromoethane[1,2-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichlorobenzene[1,2-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichloroethane[1,2-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichloroethene[cis/trans-1,2-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichloropropane[1,2-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Trimethylbenzene[1,3,5-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichlorobenzene[1,3-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichloropropane[1,3-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichlorobenzene[1,4-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichloropropane[2,2-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Butanone[2-]	0.022	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chlorotoluene[2-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Hexanone[2-]	0.022	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chlorotoluene[4-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Isopropyltoluene[4-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Methyl-2-pentanone[4-]	0.022	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Acetone	0.033	mg/kg	J
54-15459	MD54-01-0007	4.5-5.33	Fill	Benzene	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Bromobenzene	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Bromochloromethane	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Bromodichloromethane	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Bromoform	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Bromomethane	0.0028	mg/kg	J
54-15459	MD54-01-0007	4.5-5.33	Fill	Carbon disulfide	0.0022	mg/kg	J
54-15459	MD54-01-0007	4.5-5.33	Fill	Carbon tetrachloride	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chlorobenzene	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chlorodibromomethane	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chloroethane	0.011	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chloromethane	0.011	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Chloroform	0.0055	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichloropropene[cis-1,3-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dibromomethane	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichlorodifluoromethane	0.011	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Ethylbenzene	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Iodomethane	0.0055	mg/kg	UJ
54-15459	MD54-01-0007	4.5-5.33	Fill	Isopropylbenzene	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Methylene chloride	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Butylbenzene[n-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Propylbenzene[1-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Styrene	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Butylbenzene[tert-]	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Tetrachloroethene	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Toluene	0.0055	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-15459	MD54-01-0007	4.5-5.33	Fill	Strontium-90	-0.05	pCi/g	U
54-15433	MD54-01-0058	4-5	Soil	Strontium-90	-0.02	pCi/g	U
54-15433	MD54-01-0043	4-5	Soil	Ethylbenzene	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Iodomethane	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Isopropylbenzene	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Methylene chloride	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Butylbenzene[n-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Propylbenzene[1-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Butylbenzene[sec-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Styrene	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Butylbenzene[tert-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Tetrachloroethene	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Toluene	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichloropropene[trans-1,3-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Trichloroethene	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Trichlorofluoromethane	0.015	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Trichlorotrifluoroethane	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Vinyl chloride	0.015	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Xylene (total)	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Aniline	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Anthracene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Azobenzene	0.41	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-01-0043	4-5	Soil	Benzo(a)anthracene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Benzo(a)pyrene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Benzo(b)fluoranthene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Benzo(g,h,i)perylene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Benzo(k)fluoranthene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Benzoic acid	2	mg/kg	UJ
54-15433	MD54-01-0043	4-5	Soil	Benzyl alcohol	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Bis(2-chloroethoxy)methane	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Bis(2-chloroethyl)ether	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Butylbenzylphthalate	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Tetrachloroethane[1,1,1,2-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Trichloroethane[1,1,1-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Tetrachloroethane[1,1,2,2-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Trichloroethane[1,1,2-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichloroethane[1,1-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichloroethene[1,1-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichloropropene[1,1-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Trichloropropane[1,2,3-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Trimethylbenzene[1,2,4-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dibromo-3-chloropropane[1,2-]	0.015	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dibromoethane[1,2-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichlorobenzene[1,2-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichloroethane[1,2-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichloroethene[cis/trans-1,2-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichloropropane[1,2-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Trimethylbenzene[1,3,5-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichlorobenzene[1,3-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichloropropane[1,3-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichlorobenzene[1,4-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichloropropane[2,2-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Butanone[2-]	0.03	mg/kg	UJ
54-15433	MD54-01-0043	4-5	Soil	Chlorotoluene[2-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Hexanone[2-]	0.03	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Chlorotoluene[4-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Isopropyltoluene[4-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Methyl-2-pentanone[4-]	0.03	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Acetone	0.037	mg/kg	J
54-15433	MD54-01-0043	4-5	Soil	Benzene	0.0075	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-01-0043	4-5	Soil	Bromobenzene	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Bromochloromethane	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Bromodichloromethane	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Bromoform	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Bromomethane	0.015	mg/kg	UJ
54-15433	MD54-01-0043	4-5	Soil	Carbon disulfide	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Carbon tetrachloride	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Chlorobenzene	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Chlorodibromomethane	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Chloroethane	0.015	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Chloroform	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Chloromethane	0.015	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichloropropene[cis-1,3-]	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dibromomethane	0.0075	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichlorodifluoromethane	0.015	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Trichlorobenzene[1,2,4-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichlorobenzene[1,2-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichlorobenzene[1,3-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichlorobenzene[1,4-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Trichlorophenol[2,4,5-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Trichlorophenol[2,4,6-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichlorophenol[2,4-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dimethylphenol[2,4-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dinitrophenol[2,4-]	2	mg/kg	UJ
54-15433	MD54-01-0043	4-5	Soil	Dinitrotoluene[2,4-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dinitrotoluene[2,6-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Chloronaphthalene[2-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Chlorophenol[2-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Methylnaphthalene[2-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Methylphenol[2-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Nitroaniline[2-]	2	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Nitrophenol[2-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dichlorobenzidine[3,3'-]	2	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Nitroaniline[3-]	2	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dinitro-2-methylphenol[4,6-]	2	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Bromophenyl-phenylether[4-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Chloro-3-methylphenol[4-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Chloroaniline[4-]	0.41	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-01-0043	4-5	Soil	Chlorophenyl-phenyl[4-] ether	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Methylphenol[4-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Nitroaniline[4-]	2	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Nitrophenol[4-]	2	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Acenaphthene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Acenaphthylene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	pH	9.37	SU	None
54-15433	MD54-01-0043	4-5	Soil	Chrysene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Di-n-butylphthalate	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Di-n-octylphthalate	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dibenz(a,h)anthracene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dibenzofuran	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Diethylphthalate	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Dimethyl phthalate	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Fluoranthene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Fluorene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Hexachlorobenzene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Hexachlorobutadiene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Hexachlorocyclopentadiene	2	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Hexachloroethane	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Isophorone	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Nitroso-di-n-propylamine[N-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Nitrosodimethylamine[N-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Nitrosodiphenylamine[N-]	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Naphthalene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Nitrobenzene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Pentachlorophenol	2	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Phenanthrene	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Phenol	0.41	mg/kg	U
54-15433	MD54-01-0043	4-5	Soil	Pyrene	0.41	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	pH	8.92	SU	None
54-15428	MD54-01-0033	5.33-6	Soil	Tetrachloroethane[1,1,1,2-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Trichloroethane[1,1,1-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Tetrachloroethane[1,1,2,2-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Trichloroethane[1,1,2-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichloroethane[1,1-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichloroethene[1,1-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichloropropene[1,1-]	0.0058	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15428	MD54-01-0033	5.33-6	Soil	Trichloropropane[1,2,3-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Trimethylbenzene[1,2,4-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dibromoethane[1,2-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichlorobenzene[1,2-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichloroethane[1,2-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichloroethene[cis/trans-1,2-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichloropropane[1,2-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichlorobenzene[1,3-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichloropropane[1,3-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichlorobenzene[1,4-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichloropropane[2,2-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Butanone[2-]	0.023	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Chlorotoluene[2-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Hexanone[2-]	0.023	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Chlorotoluene[4-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Isopropyltoluene[4-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Methyl-2-pentanone[4-]	0.023	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Acetone	0.023	mg/kg	UJ
54-15428	MD54-01-0033	5.33-6	Soil	Benzene	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Bromobenzene	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Bromochloromethane	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Bromodichloromethane	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Bromoform	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Bromomethane	0.012	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Carbon disulfide	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Carbon tetrachloride	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Chlorobenzene	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Chlorodibromomethane	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Chloroethane	0.012	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Chloroform	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Chloromethane	0.012	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichloropropene[cis-1,3-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dibromomethane	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichlorodifluoromethane	0.012	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Ethylbenzene	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Iodomethane	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Isopropylbenzene	0.0058	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15428	MD54-01-0033	5.33-6	Soil	Methylene chloride	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Butylbenzene[n-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Strontium-90	-0.017	pCi/g	U
54-15428	MD54-01-0033	5.33-6	Soil	Propylbenzene[1-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Butylbenzene[sec-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Styrene	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Butylbenzene[tert-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Tetrachloroethene	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Toluene	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichloropropene[trans-1,3-]	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Trichloroethene	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Trichlorofluoromethane	0.012	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Trichlorotrifluoroethane	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Vinyl chloride	0.012	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Xylene (total)	0.0058	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Chloronaphthalene[2-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Chlorophenol[2-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Methylnaphthalene[2-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Methylphenol[2-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Nitroaniline[2-]	1.7	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Nitrophenol[2-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Nitroaniline[3-]	1.7	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Chloroaniline[4-]	0.34	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15428	MD54-01-0033	5.33-6	Soil	Chlorophenyl-phenyl[4-] other	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Methylphenol[4-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Nitroaniline[4-]	1.7	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Nitrophenol[4-]	1.7	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Acenaphthene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Acenaphthylene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Aniline	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Anthracene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Azobenzene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Benzo(a)anthracene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Benzo(a)pyrene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Benzo(b)fluoranthene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Benzo(k)fluoranthene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Benzoic acid	1.7	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Benzyl alcohol	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Butylbenzylphthalate	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Chrysene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Di-n-butylphthalate	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Di-n-octylphthalate	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dibenzofuran	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Diethylphthalate	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Dimethyl phthalate	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Fluoranthene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Fluorene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Hexachlorobenzene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Hexachlorobutadiene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Hexachlorocyclopentadiene	1.7	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Hexachloroethane	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Isophorone	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Nitrosodimethylamine[N-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Naphthalene	0.34	mg/kg	U



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15428	MD54-01-0033	5.33-6	Soil	Nitrobenzene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Pentachlorophenol	1.7	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Phenanthrene	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Phenol	0.34	mg/kg	U
54-15428	MD54-01-0033	5.33-6	Soil	Pyrene	0.34	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	pH	9.24	SU	None
54-15430	MD54-01-0037	5.33-6	Soil	Dichlorobenzene[1,4-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dichloropropane[2,2-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Butanone[2-]	0.023	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Chlorotoluene[2-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Hexanone[2-]	0.023	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Chlorotoluene[4-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Isopropyltoluene[4-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Methyl-2-pentanone[4-]	0.023	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Acetone	0.023	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Benzene	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Bromobenzene	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Bromochloromethane	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Bromodichloromethane	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Bromoform	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Bromomethane	0.011	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Carbon disulfide	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Carbon tetrachloride	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Chlorobenzene	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Chlorodibromomethane	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Chloroethane	0.011	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Chloroform	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Chloromethane	0.011	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Dichloropropene[cis-1,3-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Dibromomethane	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Dichlorodifluoromethane	0.011	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Ethylbenzene	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Iodomethane	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Isopropylbenzene	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Methylene chloride	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Butylbenzene[n-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Propylbenzene[1-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Butylbenzene[sec-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Styrene	0.0056	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15430	MD54-01-0037	5.33-6	Soil	Butylbenzene[tert-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Tetrachloroethene	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Toluene	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Dichloropropene[trans-1,3-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Trichloroethene	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Trichlorofluoromethane	0.011	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Trichlorotrifluoroethane	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Vinyl chloride	0.011	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Xylene (total)	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Trichlorophenol[2,4,5-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Chloronaphthalene[2-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Chlorophenol[2-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Methylnaphthalene[2-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Methylphenol[2-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Nitroaniline[2-]	1.7	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Nitrophenol[2-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Nitroaniline[3-]	1.7	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Chloroaniline[4-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Methylphenol[4-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Nitroaniline[4-]	1.7	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Nitrophenol[4-]	1.7	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Aconaphthene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Aconaphthylene	0.34	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15430	MD54-01-0037	5.33-6	Soil	Aniline	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Anthracene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-5	Soil	Azobenzene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Benzo(a)anthracene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Benzo(a)pyrene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Benzo(b)fluoranthene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Benzo(k)fluoranthene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Benzoic acid	1.7	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Benzyl alcohol	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Strontium-90	-0.017	pCi/g	U
54-15430	MD54-01-0037	5.33-6	Soil	Tetrachloroethane[1,1,1,2-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Trichloroethane[1,1,1-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Tetrachloroethane[1,1,2,2-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Trichloroethane[1,1,2-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Dichloroethane[1,1-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Dichloroethene[1,1-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Dichloropropene[1,1-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Trichloropropane[1,2,3-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Trimethylbenzene[1,2,4-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dibromoethane[1,2-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Dichlorobenzene[1,2-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dichloroethane[1,2-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Dichloroethene[cis/trans-1,2-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Dichloropropane[1,2-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Trimethylbenzene[1,3,5-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dichlorobenzene[1,3-]	0.0056	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dichloropropane[1,3-]	0.0056	mg/kg	U
54-15430	MD54-01-0037	5.33-6	Soil	Butylbenzylphthalate	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Chrysene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Di-n-butylphthalate	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Di-n-octylphthalate	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Dibenzofuran	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Diethylphthalate	0.34	mg/kg	UJ

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Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15430	MD54-01-0037	5.33-6	Soil	Dimethyl phthalate	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Fluoranthene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Fluorene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Hexachlorobenzene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Hexachlorobutadiene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Hexachloroethane	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Isophorone	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Nitrosodimethylamine[N-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Naphthalene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Nitrobenzene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Pentachlorophenol	1.7	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Phenanthrene	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Phenol	0.34	mg/kg	UJ
54-15430	MD54-01-0037	5.33-6	Soil	Pyrene	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	pH	8.77	SU	None
54-15431	MD54-01-0039	5.33-6	Soil	Tetrachloroethane[1,1,1,2-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Trichloroethane[1,1,1-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Tetrachloroethane[1,1,2,2-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Trichloroethane[1,1,2-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichloroethane[1,1-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichloroethene[1,1-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichloropropene[1,1-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Trichloropropane[1,2,3-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Trimethylbenzene[1,2,4-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dibromoethane[1,2-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichlorobenzene[1,2-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichloroethane[1,2-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichloroethene[cis/trans-1,2-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichloropropane[1,2-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Trimethylbenzene[1,3,5-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichlorobenzene[1,3-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichloropropane[1,3-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichlorobenzene[1,4-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichloropropane[2,2-]	0.0068	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15431	MD54-01-0039	5.33-6	Soil	Butanone[2-]	0.027	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Chlorotoluene[2-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Hexanone[2-]	0.027	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Chlorotoluene[4-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Isopropyltoluene[4-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Methyl-2-pentanone[4-]	0.027	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Acetone	0.027	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Benzene	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Bromobenzene	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Bromochloromethane	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Bromodichloromethane	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Bromoform	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Bromomethane	0.014	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Carbon disulfide	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Carbon tetrachloride	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Chlorobenzene	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Chlorodibromomethane	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Chloroethane	0.014	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Chloroform	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Chloromethane	0.014	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichloropropene[cis-1,3-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dibromomethane	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichlorodifluoromethane	0.014	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Ethylbenzene	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Iodomethane	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Isopropylbenzene	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Methylene chloride	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Butylbenzene[n-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Propylbenzene[1-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Butylbenzene[sec-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Styrene	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Butylbenzene[tert-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Tetrachloroethene	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Toluene	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dichloropropene[trans-1,3-]	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Trichloroethene	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Trichlorofluoromethane	0.014	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Trichlorotrifluoroethane	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Vinyl chloride	0.014	mg/kg	U

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Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15431	MD54-01-0039	5.33-6	Soil	Xylene (total)	0.0068	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Trichlorophenol[2,4,5-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Chloronaphthalene[2-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Chlorophenol[2-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Methylnaphthalene[2-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Methylphenol[2-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Nitroaniline[2-]	1.6	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Nitrophenol[2-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Dichlorobenzidine[3,3'-]	1.6	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Nitroaniline[3-]	1.6	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Fluorene	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Hexachlorobenzene	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Hexachlorobutadiene	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Hexachlorocyclopentadiene	1.6	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Hexachloroethane	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Isophorone	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Nitrosodimethylamine[N-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Naphthalene	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Nitrobenzene	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Pentachlorophenol	1.6	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Phenanthrene	0.34	mg/kg	UJ
54-15431	MD54-01-0039	5.33-6	Soil	Phenol	0.34	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15431	MD54-01-0039	5.33-6	Soil	Pyrene	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Strontium-90	-0.017	pCi/g	U
54-15431	MD54-01-0039	5.33-6	Soil	Chloroaniline[4-]	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Methylphenol[4-]	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Nitroaniline[4-]	1.6	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Nitrophenol[4-]	1.6	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Acenaphthene	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Acenaphthylene	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Aniline	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Anthracene	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Azobenzene	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Benzo(a)anthracene	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Benzo(a)pyrene	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Benzo(b)fluoranthene	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Benzo(k)fluoranthene	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Benzoic acid	1.6	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Benzyl alcohol	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Butylbenzylphthalate	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Chrysene	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Di-n-butylphthalate	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Di-n-octylphthalate	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dibenzofuran	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Diethylphthalate	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Dimethyl phthalate	0.34	mg/kg	U
54-15431	MD54-01-0039	5.33-6	Soil	Fluoranthene	0.34	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	pH	7.75	SU	None
54-15432	MD54-01-0041	5.33-6	Soil	Tetrachloroethane[1,1,1,2-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Trichloroethane[1,1,1-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Tetrachloroethane[1,1,2,2-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Trichloroethane[1,1,2-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichloroethane[1,1-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichloroethene[1,1-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichloropropene[1,1-]	0.0059	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15432	MD54-01-0041	5.33-6	Soil	Trichloropropane[1,2,3-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dibromoethane[1,2-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichlorobenzene[1,2-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichloroethane[1,2-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichloroethene[cis/trans-1,2-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichloropropane[1,2-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichlorobenzene[1,3-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichloropropane[1,3-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichlorobenzene[1,4-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichloropropane[2,2-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Butanone[2-]	0.023	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Chlorotoluene[2-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Hexanone[2-]	0.023	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Chlorotoluene[4-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Isopropyltoluene[4-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Methyl-2-pentanone[4-]	0.023	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Acetone	0.019	mg/kg	J
54-15432	MD54-01-0041	5.33-6	Soil	Benzene	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Bromobenzene	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Bromochloromethane	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Bromodichloromethane	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Bromoform	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Bromomethane	0.012	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Carbon disulfide	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Carbon tetrachloride	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Chlorobenzene	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Chlorodibromomethane	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Chloroethane	0.012	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Chloroform	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Chloromethane	0.012	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichloropropene[cis-1,3-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dibromomethane	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichlorodifluoromethane	0.012	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Ethylbenzene	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Iodomethane	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Isopropylbenzene	0.0059	mg/kg	U



**Table D-2.0-2 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15432	MD54-01-0041	5.33-6	Soil	Methylene chloride	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Butylbenzene[n-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Propylbenzene[1-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Butylbenzene[sec-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Styrene	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Butylbenzene[tert-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Tetrachloroethene	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Toluene	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Dichloropropene[trans-1,3-]	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Trichloroethene	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Trichlorofluoromethane	0.012	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Trichlorotrifluoroethane	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Vinyl chloride	0.012	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Xylene (total)	0.0059	mg/kg	U
54-15432	MD54-01-0041	5.33-6	Soil	Strontium-90	-0.017	pCi/g	U
54-15432	MD54-01-0041	5.33-6	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Trichlorophenol[2,4,5-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Chloronaphthalene[2-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Chlorophenol[2-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Methylnaphthalene[2-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Methylphenol[2-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Nitroaniline[2-]	1.6	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Nitrophenol[2-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dichlorobenzidine[3,3'-]	1.6	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Nitroaniline[3-]	1.6	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Chloroaniline[4-]	0.34	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15432	MD54-01-0041	5.33-6	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Methylphenol[4-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Nitroaniline[4-]	1.6	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Nitrophenol[4-]	1.6	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Acenaphthene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Acenaphthylene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Aniline	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Anthracene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Azobenzene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Benzo(a)anthracene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Benzo(a)pyrene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Benzo(b)fluoranthene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Benzo(k)fluoranthene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Benzoic acid	1.6	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Benzyl alcohol	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Butylbenzylphthalate	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Chrysene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Di-n-butylphthalate	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Di-n-octylphthalate	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dibenzofuran	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Diethylphthalate	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Dimethyl phthalate	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Fluoranthene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Fluorene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Hexachlorobenzene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Hexachlorobutadiene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Hexachlorocyclopentadiene	1.6	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Hexachloroethane	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Isophorone	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Nitrosodimethylamine[N-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Naphthalene	0.34	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15432	MD54-01-0041	5.33-6	Soil	Nitrobenzene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Pentachlorophenol	1.6	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Phenanthrene	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Phenol	0.34	mg/kg	UJ
54-15432	MD54-01-0041	5.33-6	Soil	Pyrene	1.6	mg/kg	UJ
54-15429	MD54-01-0035	5.5-6	Soil	pH	9.3	SU	None
54-15429	MD54-01-0035	5.5-6	Soil	Tetrachloroethane[1,1,1,2-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Trichloroethane[1,1,1-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Tetrachloroethane[1,1,2,2-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Trichloroethane[1,1,2-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichloroethane[1,1-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichloroethene[1,1-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichloropropene[1,1-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Trichloropropane[1,2,3-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Trimethylbenzene[1,2,4-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dibromoethane[1,2-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichlorobenzene[1,2-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichloroethane[1,2-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichloroethene[cis/trans-1,2-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichloropropane[1,2-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Trimethylbenzene[1,3,5-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichlorobenzene[1,3-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichloropropane[1,3-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichlorobenzene[1,4-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichloropropane[2,2-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Butanone[2-]	0.023	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Ethylbenzene	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Iodomethane	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Isopropylbenzene	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Methylene chloride	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Butylbenzene[n-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Propylbenzene[1-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Butylbenzene[sec-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Styrene	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Butylbenzene[tert-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Tetrachloroethene	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Toluene	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichloropropene[trans-1,3-]	0.0057	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0035	5.5-6	Soil	Trichloroethene	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Trichlorofluoromethane	0.011	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Trichlorotrifluoroethane	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Vinyl chloride	0.011	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Xylene (total)	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dinitrophenol[2,4-]	1.6	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Chloronaphthalene[2-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Chlorophenol[2-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Methylnaphthalene[2-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Methylphenol[2-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Nitroaniline[2-]	1.6	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Nitrophenol[2-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Nitroaniline[3-]	1.6	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Chloroaniline[4-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Methylphenol[4-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Nitroaniline[4-]	1.6	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Nitrophenol[4-]	1.6	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Acenaphthene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Acenaphthylene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Isophorone	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Nitrosodimethylamine[N-]	0.34	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0035	5.5-6	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Naphthalene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Nitrobenzene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Pentachlorophenol	1.6	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Phenanthrene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Phenol	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Pyrene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Strontium-90	-0.017	pCi/g	U
54-15429	MD54-01-0035	5.5-6	Soil	Chlorotoluene[2-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Hexanone[2-]	0.023	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Chlorotoluene[4-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Isopropyltoluene[4-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Methyl-2-pentanone[4-]	0.023	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Acetone	0.023	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Benzene	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Bromobenzene	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Bromochloromethane	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Bromodichloromethane	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Bromoform	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Bromomethane	0.011	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Carbon disulfide	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Carbon tetrachloride	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Chlorobenzene	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Chlorodibromomethane	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Chloroethane	0.011	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Chloroform	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Chloromethane	0.011	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichloropropene[cis-1,3-]	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dibromomethane	0.0057	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dichlorodifluoromethane	0.011	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Aniline	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Anthracene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Azobenzene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Benzo(a)anthracene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Benzo(a)pyrene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Benzo(b)fluoranthene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Benzo(k)fluoranthene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Benzoic acid	1.6	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0035	5.5-6	Soil	Benzyl alcohol	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Butylbenzylphthalate	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Chrysene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Di-n-butylphthalate	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Di-n-octylphthalate	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dibenzofuran	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Diethylphthalate	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Dimethyl phthalate	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Fluoranthene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Fluorene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Hexachlorobenzene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Hexachlorobutadiene	0.34	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Hexachlorocyclopentadiene	1.6	mg/kg	U
54-15429	MD54-01-0035	5.5-6	Soil	Hexachloroethane	0.34	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Tetrachloroethane[1,1,1,2-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Trichloroethane[1,1,1-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Tetrachloroethane[1,1,2,2-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Trichloroethane[1,1,2-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichloroethane[1,1-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichloroethane[1,1-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichloropropene[1,1-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Trichloropropane[1,2,3-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Trimethylbenzene[1,2,4-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dibromoethane[1,2-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichlorobenzene[1,2-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichloroethane[1,2-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichloroethene[cis/trans-1,2-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichloropropane[1,2-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Trimethylbenzene[1,3,5-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichlorobenzene[1,3-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichloropropane[1,3-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichlorobenzene[1,4-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichloropropane[2,2-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Butanone[2-]	0.0037	mg/kg	J

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-01-0044	5-6	Soil	Chlorotoluene[2-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Bromoform	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Bromomethane	0.012	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Carbon disulfide	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Carbon tetrachloride	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Chlorobenzene	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Chlorodibromomethane	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Chloroethane	0.012	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Chloroform	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Chloromethane	0.012	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichloropropene[cis-1,3-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dibromomethane	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichlorodifluoromethane	0.012	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Ethylbenzene	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Iodomethane	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Isopropylbenzene	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Methylene chloride	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Butylbenzene[n-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Propylbenzene[1-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Butylbenzene[sec-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Styrene	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Butylbenzene[tert-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Tetrachloroethene	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Toluene	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichloropropene[trans-1,3-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Trichloroethene	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Trichlorofluoromethane	0.012	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Trichlorotrifluoroethane	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Vinyl chloride	0.012	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Xylene (total)	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Trichlorobenzene[1,2,4-]	0.41	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichlorobenzene[1,2-]	0.41	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichlorobenzene[1,3-]	0.41	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichlorobenzene[1,4-]	0.41	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Oxybis(1-chloropropane)[2,2'-]	0.41	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Trichlorophenol[2,4,5-]	0.41	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Trichlorophenol[2,4,6-]	0.41	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dichlorophenol[2,4-]	0.41	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Dimethylphenol[2,4-]	0.41	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-01-0044	5-6	Soil	Dinitrophenol[2,4-]	2	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Dinitrotoluene[2,4-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Dinitrotoluene[2,6-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Chloronaphthalene[2-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Butylbenzylphthalate	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Chrysene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Di-n-butylphthalate	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Di-n-octylphthalate	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Dibenz(a,h)anthracene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Dibenzofuran	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Diethylphthalate	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Dimethyl phthalate	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Fluoranthene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Fluorene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Hexachlorobenzene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Hexachlorobutadiene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Hexachlorocyclopentadiene	2	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Hexachloroethane	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Isophorone	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Nitroso-di-n-propylamine[N-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Nitrosodimethylamine[N-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Nitrosodiphenylamine[N-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Naphthalene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Nitrobenzene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Pentachlorophenol	2	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Phenanthrene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Phenol	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Pyrene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Hexanone[2-]	0.024	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Chlorotoluene[4-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Isopropyltoluene[4-]	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Methyl-2-pentanone[4-]	0.024	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Acetone	0.033	mg/kg	J
54-15433	MD54-01-0044	5-6	Soil	Benzene	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Bromobenzene	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Bromochloromethane	0.0061	mg/kg	U
54-15433	MD54-01-0044	5-6	Soil	Bromodichloromethane	0.0061	mg/kg	U



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-01-0044	5-6	Soil	pH	8.77	SU	None
54-15433	MD54-01-0044	5-6	Soil	Chlorophenol[2-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Methylnaphthalene[2-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Methylphenol[2-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Nitroaniline[2-]	2	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Nitrophenol[2-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Dichlorobenzidine[3,3'-]	2	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Nitroaniline[3-]	2	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Dinitro-2-methylphenol[4,6-]	2	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Bromophenyl-phenylether[4-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Chloro-3-methylphenol[4-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Chloroaniline[4-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Chlorophenyl-phenyl[4-] ether	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Methylphenol[4-]	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Nitroaniline[4-]	2	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Nitrophenol[4-]	2	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Acenaphthene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Aconaphthylene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Aniline	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Anthracene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Azobenzene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Benzo(a)anthracene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Benzo(a)pyrene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Benzo(b)fluoranthene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Benzo(g,h,i)perylene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Benzo(k)fluoranthene	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Benzoic acid	2	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Benzyl alcohol	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Bis(2-chloroethoxy)methane	0.41	mg/kg	UJ
54-15433	MD54-01-0044	5-6	Soil	Bis(2-chloroethyl)ether	0.41	mg/kg	UJ
54-15433	MD54-01-0059	5-6	Soil	Strontium-90	-0.09	pCi/g	U
54-15459	MD54-01-0008	7.25-7.33	Fill	pH	8.6	SU	None
54-15459	MD54-01-0008	7.25-7.33	Fill	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Trichlorophenol[2,4,6-]	0.34	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichlorophenol[2,4-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dimethylphenol[2,4-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dinitrophenol[2,4-]	1.6	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dinitrotoluene[2,4-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dinitrotoluene[2,6-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chloronaphthalene[2-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chlorophenol[2-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Methylnaphthalene[2-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Methylphenol[2-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Nitroaniline[2-]	1.6	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Nitrophenol[2-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Nitroaniline[3-]	1.6	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Trichloroethane[1,1,1-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Tetrachloroethane[1,1,1,2-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Tetrachloroethane[1,1,2,2-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Trichloroethane[1,1,2-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichloroethane[1,1-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichloroethene[1,1-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichloropropane[1,1-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Trichloropropane[1,2,3-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dibromoethane[1,2-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichlorobenzene[1,2-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichloroethane[1,2-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichloroethene[cis/trans-1,2-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichloropropane[1,2-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Trimethylbenzene[1,3,5-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichlorobenzene[1,3-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichloropropane[1,3-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichlorobenzene[1,4-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichloropropane[2,2-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Butanone[2-]	0.023	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chlorotoluene[2-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Hexanone[2-]	0.023	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chlorotoluene[4-]	0.0057	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15459	MD54-01-0008	7.25-7.33	Fill	Isopropyltoluene[4-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Methyl-2-pentanone[4-]	0.023	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Acetone	0.027	mg/kg	J
54-15459	MD54-01-0008	7.25-7.33	Fill	Benzene	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Bromobenzene	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Bromochloromethane	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Bromodichloromethane	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Bromoform	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Bromomethane	0.0027	mg/kg	J
54-15459	MD54-01-0008	7.25-7.33	Fill	Carbon disulfide	0.0019	mg/kg	J
54-15459	MD54-01-0008	7.25-7.33	Fill	Carbon tetrachloride	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chlorobenzene	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chlorodibromomethane	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chloroethane	0.011	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chloroform	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chloromethane	0.011	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichloropropene[cis-1,3-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dibromomethane	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichlorodifluoromethane	0.011	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Ethylbenzene	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Iodomethane	0.0057	mg/kg	UJ
54-15459	MD54-01-0008	7.25-7.33	Fill	Isopropylbenzene	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Methylene chloride	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Butylbenzene[n-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Propylbenzene[1-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Styrene	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Butylbenzene[tert-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Tetrachloroethene	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Toluene	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dichloropropene[trans-1,3-]	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Trichloroethene	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Trichlorodifluoromethane	0.011	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Trichlorotrifluoroethane	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Vinyl chloride	0.011	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Xylene (total)	0.0057	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chloroaniline[4-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Methylphenol[4-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Nitroaniline[4-]	1.6	mg/kg	U

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Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15459	MD54-01-0008	7.25-7.33	Fill	Nitrophenol[4-]	1.6	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Acenaphthene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Acenaphthylene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Aniline	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Anthracene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Azobenzene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Benzo(a)anthracene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Benzo(a)pyrene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Benzo(b)fluoranthene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Benzo(k)fluoranthene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Benzoic acid	1.6	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Benzyl alcohol	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Butylbenzylphthalate	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Chrysene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Di-n-butylphthalate	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Di-n-octylphthalate	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dibenzofuran	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Diethylphthalate	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Dimethyl phthalate	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Fluoranthene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Fluorene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Hexachlorobenzene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Hexachlorobutadiene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Hexachlorocyclopentadiene	1.6	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Hexachloroethane	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Isophorone	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Nitrosodimethylamine[N-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Naphthalene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Nitrobenzene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Pentachlorophenol	1.6	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Phenanthrene	0.34	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15459	MD54-01-0008	7.25-7.33	Fill	Phenol	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Pyrene	0.34	mg/kg	U
54-15459	MD54-01-0008	7.25-7.33	Fill	Strontium-90	-0.1	pCi/g	U
54-15430	MD54-01-0038	7.33-8	Soil	pH	9.49	SU	None
54-15430	MD54-01-0038	7.33-8	Soil	Tetrachloroethane[1,1,1,2-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Trichloroethane[1,1,1-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Tetrachloroethane[1,1,2,2-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Trichloroethane[1,1,2-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichloroethane[1,1-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichloroethene[1,1-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichloropropene[1,1-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Trichloropropane[1,2,3-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dibromoethane[1,2-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichlorobenzene[1,2-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichloroethane[1,2-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichloroethene[cis/trans-1,2-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichloropropane[1,2-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichlorobenzene[1,3-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichloropropane[1,3-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichlorobenzene[1,4-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichloropropane[2,2-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Butanone[2-]	0.024	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Chlorotoluene[2-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Hexanone[2-]	0.024	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Chlorotoluene[4-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Isopropyltoluene[4-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Methyl-2-pentanone[4-]	0.024	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Acetone	0.024	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Benzene	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Bromobenzene	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Bromochloromethane	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Bromodichloromethane	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Bromoform	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Bromomethane	0.012	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Carbon disulfide	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Carbon tetrachloride	0.0059	mg/kg	U

Table D-2.0-2 (continued)

Location	Sample ID	Depth (m)	Media	Analyte	Result	Unit	Report Qualifier
54-15430	MD54-01-0038	7.33-8	Soil	Chlorobenzene	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Chlorodibromomethane	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Chloroethane	0.012	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Chloroform	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Chloromethane	0.012	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichloropropene[cis-1,3-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dibromomethane	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichlorodifluoromethane	0.012	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Ethylbenzene	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Iodomethane	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Isopropylbenzene	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Methylene chloride	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Butylbenzene[n-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Propylbenzene[1-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Butylbenzene[sec-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Styrene	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Butylbenzene[tert-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Tetrachloroethene	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Toluene	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichloropropene[trans-1,3-]	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Trichloroethene	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Trichlorofluoromethane	0.012	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Trichloromethylfluoroethane	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Vinyl chloride	0.012	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Xylene (total)	0.0059	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Trichloropheno[2,4,5-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Trichloropheno[2,4,6-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichloropheno[2,4-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dimethylpheno[2,4-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dinitropheno[2,4-]	1.6	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dinitrofluorene[2,4-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dinitrofluorene[2,6-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Chloronaphthalene[2-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Chloropheno[2-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Methylnaphthalene[2-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Methylpheno[2-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Nitroaniline[2-]	1.6	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15430	MD54-01-0038	7.33-8	Soil	Nitrophenol[2-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Nitroaniline[3-]	1.6	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Chloroaniline[4-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Methylphenol[4-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Nitroaniline[4-]	1.6	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Nitrophenol[4-]	1.6	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Aconaphthone	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Aconaphthylene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Aniline	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Anthracene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Azobenzene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Benzo(a)anthracene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Nitrosodimethylamino[N-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Naphthalene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Nitrobenzene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Pentachlorophenol	1.6	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Phenanthrene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Phenol	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Pyrene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Strontium-90	-0.017	pCi/g	U
54-15430	MD54-01-0038	7.33-8	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Benzo(a)pyrene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Benzo(b)fluoranthene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Benzo(k)fluoranthene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Benzoic acid	1.6	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Benzyl alcohol	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Butylbenzylphthalate	0.34	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15430	MD54-01-0038	7.33-8	Soil	Chrysene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Di-n-butylphthalate	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Di-n-octylphthalate	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dibenzofuran	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Diethylphthalate	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Dimethyl phthalate	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Fluoranthene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Fluorene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Hexachlorobenzene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Hexachlorobutadiene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Hexachlorocyclopentadiene	1.6	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Hexachloroethane	0.34	mg/kg	UJ
54-15430	MD54-01-0038	7.33-8	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Isophorone	0.34	mg/kg	U
54-15430	MD54-01-0038	7.33-8	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	pH	9.09	SU	None
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichlorobenzene[1,2-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichloroethane[1,2-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichloroethene[cis/trans-1,2-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichloropropane[1,2-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Trimethylbenzene[1,3,5-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichlorobenzene[1,3-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichloropropane[1,3-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichlorobenzene[1,4-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichloropropane[2,2-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Butanone[2-]	0.021	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Chlorotoluene[2-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Hexanone[2-]	0.021	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Chlorotoluene[4-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Isopropyltoluene[4-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Methyl-2-pentanone[4-]	0.021	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Acetone	0.021	mg/kg	UJ
54-15428	MD54-01-0034	7-7.33	Qbt 3	Benzene	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Bromobenzene	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Bromochloromethane	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Bromodichloromethane	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Bromoform	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Bromomethane	0.01	mg/kg	U



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15428	MD54-01-0034	7-7.33	Obt 3	Carbon disulfide	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Carbon tetrachloride	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Chlorobenzene	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Vinyl chloride	0.01	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Xylene (total)	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Dinitrotoluene[2,6-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Chloronaphthalene[2-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Chlorophenol[2-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Methylnaphthalene[2-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Methylphenol[2-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Nitroaniline[2-]	1.6	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Nitrophenol[2-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Nitroaniline[3-]	1.6	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Chloroaniline[4-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Chlorophenyl-phenyl[4-] ether	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Methylphenol[4-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Nitroaniline[4-]	1.6	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Nitrophenol[4-]	1.6	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Acenaphthene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Acenaphthylene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Aniline	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Anthracene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Azobenzene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Benzo(a)anthracene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Benzo(a)pyrene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Benzo(b)fluoranthene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Benzo(g,h,i)perylene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Benzo(k)fluoranthene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Benzoic acid	1.6	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Benzyl alcohol	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Pyrene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Strontium-90	-0.017	pCi/g	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Tetrachloroethane[1,1,1,2-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Trichloroethane[1,1,1-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Obt 3	Tetrachloroethane[1,1,2,2-]	0.0051	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15428	MD54-01-0034	7-7.33	Qbt 3	Trichloroethane[1,1,2-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichloroethane[1,1-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichloroethene[1,1-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichloropropene[1,1-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Trichloropropane[1,2,3-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Trimethylbenzene[1,2,4-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dibromoethane[1,2-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Chlorodibromomethane	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Chloroethane	0.01	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Chloroform	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Chloromethane	0.01	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichloropropene[cis-1,3-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dibromomethane	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Ethylbenzene	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Iodomethane	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Isopropylbenzene	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Methylene chloride	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Butylbenzene[n-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Propylbenzene[1-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Butylbenzene[sec-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Styrene	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Butylbenzene[tert-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Tetrachloroethene	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Toluene	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichloropropene[trans-1,3-]	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Trichloroethene	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Trichlorofluoromethane	0.01	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Trichlorotrifluoroethane	0.0051	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Bis(2-chloroethyl)ether	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Butylbenzylphthalate	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Chrysene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Di-n-butylphthalate	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Di-n-octylphthalate	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dibenz(a,h)anthracene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dibenzofuran	0.33	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15428	MD54-01-0034	7-7.33	Qbt 3	Diethylphthalate	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dimethyl phthalate	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Fluoranthene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Fluorene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Hexachlorobenzene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Hexachlorobutadiene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Hexachlorocyclopentadiene	1.6	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Hexachloroethane	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Isophorone	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Nitrosodimethylamine[N-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Naphthalene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Nitrobenzene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Pentachlorophenol	1.6	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Phenanthrene	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Phenol	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichlorobenzene[1,2-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichlorobenzene[1,3-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichlorobenzene[1,4-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Oxypis(1-chloropropane)[2,2-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Trichlorophenol[2,4,5-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dichlorophenol[2,4-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dimethylphenol[2,4-]	0.33	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dinitrophenol[2,4-]	1.6	mg/kg	U
54-15428	MD54-01-0034	7-7.33	Qbt 3	Dinitrotoluene[2,4-]	0.33	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	pH	8.61	SU	None
54-15432	MD54-01-0042	7-7.83	Soil	Tetrachloroethane[1,1,1,2-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Trichloroethane[1,1,1-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Tetrachloroethane[1,1,2,2-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Trichloroethane[1,1,2-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichloroethane[1,1-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichloroethene[1,1-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichloropropene[1,1-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Trichloropropane[1,2,3-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Trimethylbenzene[1,2,4-]	0.0064	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15432	MD54-01-0042	7-7.83	Soil	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dibromoethane[1,2-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichlorobenzene[1,2-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichloroethane[1,2-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichloroethene[cis/trans-1,2-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichloropropane[1,2-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Trimethylbenzene[1,3,5-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichlorobenzene[1,3-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichloropropane[1,3-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichlorobenzene[1,4-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichloropropane[2,2-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Butanone[2-]	0.026	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Chlorotoluene[2-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Hexanone[2-]	0.026	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Chlorotoluene[4-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Isopropyltoluene[4-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Methyl-2-pentanone[4-]	0.026	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Acetone	0.026	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Benzene	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Bromobenzene	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Bromochloromethane	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Bromodichloromethane	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Bromoform	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Bromomethane	0.013	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Carbon disulfide	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Carbon tetrachloride	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Chlorobenzene	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Chlorodibromomethane	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Chloroethane	0.013	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Chloroform	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Chloromethane	0.013	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichloropropene[cis-1,3-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dibromomethane	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichlorodifluoromethane	0.013	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Ethylbenzene	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Iodomethane	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Isopropylbenzene	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Methylene chloride	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Butylbenzene[n-]	0.0064	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15432	MD54-01-0042	7-7.83	Soil	Propylbenzene[1-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Butylbenzene[sec-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Styrene	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Butylbenzene[tert-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Tetrachloroethene	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Toluene	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Dichloropropene[trans-1,3-]	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Trichloroethene	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Trichlorofluoromethane	0.013	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Trichlorotrifluoroethane	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Vinyl chloride	0.013	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Xylene (total)	0.0064	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Strontium-90	-0.017	pCi/g	U
54-15432	MD54-01-0042	7-7.83	Soil	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Dichlorobenzene[1,2-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Dichlorobenzene[1,3-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Dichlorobenzene[1,4-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Trichlorophenol[2,4,5-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Trichlorophenol[2,4,6-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Dichlorophenol[2,4-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Dimethylphenol[2,4-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Dinitrotoluene[2,4-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Dinitrotoluene[2,6-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Chloronaphthalene[2-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Chlorophenol[2-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Methylnaphthalene[2-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Methylphenol[2-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Nitroaniline[2-]	1.7	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Nitrophenol[2-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Nitroaniline[3-]	1.7	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Bromophenyl-phenylether[4-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Chloro-3-methylphenol[4-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Chloroaniline[4-]	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UU
54-15432	MD54-01-0042	7-7.83	Soil	Methylphenol[4-]	0.35	mg/kg	UU

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15432	MD54-01-0042	7-7.83	Soil	Nitroaniline[4-]	1.7	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Nitrophenol[4-]	1.7	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Acenaphthene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Acenaphthylene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Aniline	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Anthracene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Azobenzene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Benzo(a)anthracene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Benzo(a)pyrene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Benzo(b)fluoranthene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Benzo(k)fluoranthene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Benzoic acid	1.7	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Benzyl alcohol	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Butylbenzylphthalate	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Chrysene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Di-n-butylphthalate	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Di-n-octylphthalate	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Dibenz(a,h)anthracene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Dibenzofuran	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Diethylphthalate	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Dimethyl phthalate	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Fluoranthene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Fluorene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Hexachlorobenzene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Hexachlorobutadiene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Hexachloroethane	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Isophorone	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Naphthalene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Nitrobenzene	0.35	mg/kg	UJ
54-15432	MD54-01-0042	7-7.83	Soil	Pentachlorophenol	1.7	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15432	MD54-01-0042	7-7.83	Soil	Phenanthrene	0.35	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Phenol	0.35	mg/kg	U
54-15432	MD54-01-0042	7-7.83	Soil	Pyrene	0.35	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichlorobenzene[1,4-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichloropropane[2,2-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Butanone[2-]	0.023	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Chlorotoluene[2-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Hexanone[2-]	0.023	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Chlorotoluene[4-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Isopropyltoluene[4-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Methyl-2-pentanone[4-]	0.023	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Acetone	0.059	mg/kg	J
54-15429	MD54-01-0051	7-8	Soil	Benzene	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Bromobenzene	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Bromochloromethane	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Bromodichloromethane	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Bromoform	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Bromomethane	0.012	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Carbon disulfide	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Carbon tetrachloride	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Chlorobenzene	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Chlorodibromomethane	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Chloroethane	0.012	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Chloroform	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Chloromethane	0.012	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichloropropene[cis-1,3-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dibromomethane	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichlorodifluoromethane	0.012	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Ethylbenzene	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Iodomethane	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Isopropylbenzene	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Methylene chloride	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Butylbenzene[n-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Propylbenzene[1-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Butylbenzene[sec-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Styrene	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Butylbenzene[tart-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Tetrachloroethene	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Toluene	0.0059	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0051	7-8	Soil	Dichloropropene[trans-1,3-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Trichloroethene	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Trichlorofluoromethane	0.012	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Trichlorotrifluoroethane	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Vinyl chloride	0.012	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Xylene (total)	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Strontium-90	-0.017	pCi/g	U
54-15429	MD54-01-0051	7-8	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Trichlorophenol[2,4,5-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Chloronaphthalene[2-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Chlorophenol[2-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Methylnaphthalene[2-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Methylphenol[2-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Nitroaniline[2-]	1.6	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Nitrophenol[2-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dichlorobenzidine[3,3'-]	1.6	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Nitroaniline[3-]	1.6	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Chloroaniline[4-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Chlorophenyl-phenyl[4-] other	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Methylphenol[4-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Nitroaniline[4-]	1.6	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Nitrophenol[4-]	1.6	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Acenaphthene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Acenaphthylene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Aniline	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Anthracene	0.34	mg/kg	UJ



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0051	7-8	Soil	Azobenzene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Benzo(a)anthracene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Benzo(a)pyrene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Benzo(b)fluoranthene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Benzo(k)fluoranthene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Benzoic acid	1.6	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Benzyl alcohol	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Butylbenzylphthalate	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Chrysene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Di-n-butylphthalate	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Di-n-octylphthalate	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dibenzofuran	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Diethylphthalate	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Dimethyl phthalate	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Fluoranthene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Fluorene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Hexachlorobenzene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Hexachlorobutadiene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Hexachlorocyclopentadiene	1.6	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Hexachloroethane	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Isophorone	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Nitrosodimethylamine[N-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Naphthalene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Nitrobenzene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Pentachlorophenol	1.6	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Phenanthrene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Phenol	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	Pyrene	0.34	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	pH	9.38	SU	None
54-15429	MD54-01-0036	7-8	Soil	Tetrachloroethane[1,1,1,2-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Trichloroethane[1,1,1-]	0.0051	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0036	7-8	Soil	Tetrachloroethane[1,1,2,2-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Trichloroethane[1,1,2-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichloroethane[1,1-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichloroethene[1,1-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichloropropene[1,1-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Trichloropropane[1,2,3-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Bromoform	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Bromomethane	0.01	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Carbon disulfide	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Carbon tetrachloride	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-3	Soil	Chlorobenzene	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Chlorodibromomethane	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Chloroethane	0.01	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Chloroform	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Chloromethane	0.01	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichloropropene[cis-1,3-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dibromomethane	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichlorodifluoromethane	0.01	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Ethylbenzene	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Iodomethane	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Isopropylbenzene	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Methylene chloride	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Butylbenzene[n-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Propylbenzene[1-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Butylbenzene[sec-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Styrene	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Butylbenzene[tert-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Tetrachloroethene	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Toluene	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichloropropene[trans-1,3-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Trichloroethene	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Trichlorobenzene[1,2,4-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Dichlorobenzene[1,2-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Dichlorobenzene[1,3-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Dichlorobenzene[1,4-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Trichlorophenol[2,4,5-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Trichlorophenol[2,4,6-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Dichlorophenol[2,4-]	0.33	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0036	7-8	Soil	Dimethylphenol[2,4-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Dinitrotoluene[2,4-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Dinitrotoluene[2,6-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Chloronaphthalene[2-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Chlorophenol[2-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Methylnaphthalene[2-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Methylphenol[2-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Nitroaniline[2-]	1.6	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Nitrophenol[2-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Dichlorobenzidine[3,3'-]	1.6	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Nitroaniline[3-]	1.6	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Diethylphthalate	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Dimethyl phthalate	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Fluoranthene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Fluorene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Hexachlorobenzene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Hexachlorobutadiene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Hexachlorocyclopentadiene	1.6	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Hexachloroethane	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Isophorone	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Nitrosodimethylamine[N-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Nitrosodiphenylamine[N-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Naphthalene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Nitrobenzene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Pentachlorophenol	1.6	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Phenanthrene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Phenol	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Pyrene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Strontium-90	-0.017	pCi/g	U
54-15429	MD54-01-0036	7-8	Soil	Trimethylbenzene[1,2,4-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dibromoethane[1,2-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichlorobenzene[1,2-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichloroethane[1,2-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichloroethene[cis/trans-1,2-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichloropropane[1,2-]	0.0051	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0036	7-8	Soil	Trimethylbenzene[1,3,5-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichlorobenzene[1,3-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichloropropane[1,3-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichlorobenzene[1,4-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dichloropropane[2,2-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Butanone[2-]	0.021	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Chlorotoluene[2-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Hexanone[2-]	0.021	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Chlorotoluene[4-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Isopropyltoluene[4-]	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Acetone	0.013	mg/kg	J
54-15429	MD54-01-0036	7-8	Soil	Benzene	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Bromobenzene	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Bromochloromethane	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Bromodichloromethane	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Trichlorofluoromethane	0.01	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Trichlorotrifluoroethane	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Vinyl chloride	0.01	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Xylene (total)	0.0051	mg/kg	U
54-15429	MD54-01-0036	7-8	Soil	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Bromophenyl-phenylether[4-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Chloro-3-methylphenol[4-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Chloroaniline[4-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Chlorophenyl-phenyl[4-] ether	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Methylphenol[4-]	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Nitroaniline[4-]	1.6	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Nitrophenol[4-]	1.6	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Acenaphthene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Acenaphthylene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Aniline	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Anthracene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Azobenzene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Benzo(a)anthracene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Benzo(a)pyrene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Benzo(b)fluoranthene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Benzo(g,h,i)perylene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Benzo(k)fluoranthene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Benzoic acid	1.6	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0036	7-8	Soil	Benzyl alcohol	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Bis(2-chloroethoxy)methane	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Bis(2-chloroethyl)ether	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Butylbenzylphthalate	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Chrysene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Di-n-butylphthalate	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Di-n-octylphthalate	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Dibenz(a,h)anthracene	0.33	mg/kg	UJ
54-15429	MD54-01-0036	7-8	Soil	Dibenzofuran	0.33	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	pH	8.97	SU	None
54-15431	MD54-01-0040	7-8	Soil	Tetrachloroethane[1,1,1,2-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Trichloroethane[1,1,1-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Tetrachloroethane[1,1,2,2-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Trichloroethane[1,1,2-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichloroethane[1,1-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichloroethene[1,1-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichloropropene[1,1-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Trichloropropane[1,2,3-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Trimethylbenzene[1,2,4-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dibromoethane[1,2-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichlorobenzene[1,2-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichloroethane[1,2-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichloroethene[cis/trans-1,2-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichloropropane[1,2-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Trimethylbenzene[1,3,5-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichlorobenzene[1,3-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichloropropane[1,3-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichlorobenzene[1,4-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichloropropane[2,2-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Butanone[2-]	0.023	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Chlorotoluene[2-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Hexanone[2-]	0.023	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Chlorotoluene[4-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Isopropyltoluene[4-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Methyl-2-pentanone[4-]	0.023	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Acetone	0.023	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Benzene	0.0057	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15431	MD54-01-0040	7-8	Soil	Bromobenzene	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Bromochloromethane	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Bromodichloromethane	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Bromoform	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Bromomethane	0.011	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Carbon disulfide	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Carbon tetrachloride	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Chlorobenzene	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Chlorodibromomethane	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Chloroethane	0.011	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Chloroform	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Chloromethane	0.011	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichloropropene[cis-1,3-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dibromomethane	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichlorodifluoromethane	0.011	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Ethylbenzene	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Iodomethane	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Isopropylbenzene	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Methylene chloride	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Butylbenzene[n-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Propylbenzene[1-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Butylbenzene[sec-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Styrene	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Butylbenzene[tert-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Tetrachloroethene	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Toluene	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Dichloropropene[trans-1,3-]	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Trichloroethene	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Trichlorofluoromethane	0.011	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Trichlorotrifluoroethane	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Vinyl chloride	0.011	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Xylene (total)	0.0057	mg/kg	U
54-15431	MD54-01-0040	7-8	Soil	Trichlorobenzene[1,2,4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Dichlorobenzene[1,2-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Dichlorobenzene[1,3-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Dichlorobenzene[1,4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Trichlorophenol[2,4,5-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Trichlorophenol[2,4,6-]	0.34	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15431	MD54-01-0040	7-8	Soil	Dichlorophenol[2,4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Chloronaphthalene[2-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Chlorophenol[2-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Methylnaphthalene[2-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Strontium-90	-0.017	pCi/g	U
54-15431	MD54-01-0040	7-8	Soil	Methylphenol[2-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Nitroaniline[2-]	1.7	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Nitrophenol[2-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Nitroaniline[3-]	1.7	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Chloroaniline[4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Methylphenol[4-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Nitroaniline[4-]	1.7	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Nitrophenol[4-]	1.7	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Acenaphthene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Acenaphthylene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Aniline	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Anthracene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Azobenzene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Benzo(a)anthracene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Benzo(a)pyrene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Benzo(b)fluoranthene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Benzo(g,h,i)perylene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Benzo(k)fluoranthene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Benzoic acid	1.7	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Benzyl alcohol	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Bis(2-chloroethoxy)methane	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Bis(2-chloroethyl)ether	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Butylbenzylphthalate	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Chrysene	0.34	mg/kg	UJ

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Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15431	MD54-01-0040	7-8	Soil	Di-n-butylphthalate	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Di-n-octylphthalate	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Dibenz(a,h)anthracene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Dibenzofuran	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Diethylphthalate	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Dimethyl phthalate	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Fluoranthene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Fluorene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Hexachlorobenzene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Hexachlorobutadiene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Hexachloroethane	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Isophorone	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Nitrosodimethylamine[N-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Naphthalene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Nitrobenzene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Pentachlorophenol	1.7	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Phenanthrene	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Phenol	0.34	mg/kg	UJ
54-15431	MD54-01-0040	7-8	Soil	Pyrene	0.34	mg/kg	UJ
54-15429	MD54-01-0051	7-8	Soil	pH	9.3	SU	None
54-15429	MD54-01-0051	7-8	Soil	Tetrachloroethane[1,1,1,2-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Trichloroethane[1,1,1-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Tetrachloroethane[1,1,2,2-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Trichloroethane[1,1,2-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichloroethane[1,1-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichloroethene[1,1-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichloropropene[1,1-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Trichloropropane[1,2,3-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dibromoethane[1,2-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichlorobenzene[1,2-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichloroethane[1,2-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichloroethene[cis/trans-1,2-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichloropropane[1,2-]	0.0059	mg/kg	U



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15429	MD54-01-0051	7-8	Soil	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichlorobenzene[1,3-]	0.0059	mg/kg	U
54-15429	MD54-01-0051	7-8	Soil	Dichloropropane[1,3-]	0.0059	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Tetrachloroethane[1,1,1,2-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Trichloroethane[1,1,1-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Tetrachloroethane[1,1,2,2-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Trichloroethane[1,1,2-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichloroethane[1,1-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichloroethene[1,1-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichloropropene[1,1-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Trichloropropane[1,2,3-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dibromoethane[1,2-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichlorobenzene[1,2-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichloroethane[1,2-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichloroethene[cis/trans-1,2-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichloropropane[1,2-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichlorobenzene[1,3-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichloropropane[1,3-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichlorobenzene[1,4-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichloropropane[2,2-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Butanone[2-]	0.0069	mg/kg	J
54-15434	MD54-01-0045	8-9	Soil	Chlorotoluene[2-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Hexanone[2-]	0.025	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Chlorotoluene[4-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Isopropyltoluene[4-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Methyl-2-pentanone[4-]	0.025	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Acetone	0.039	mg/kg	J
54-15434	MD54-01-0045	8-9	Soil	Benzene	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Bromobenzene	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Bromochloromethane	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Bromodichloromethane	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Bromoform	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Bromomethane	0.012	mg/kg	UJ
54-15434	MD54-01-0045	8-9	Soil	Carbon disulfide	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Carbon tetrachloride	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Chlorobenzene	0.0062	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15434	MD54-01-0045	8-9	Soil	Chlorodibromomethane	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichlorobenzene[1,2-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichlorobenzene[1,3-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichlorobenzene[1,4-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichlorophenol[2,4-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dimethylphenol[2,4-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
54-15434	MD54-01-0045	8-9	Soil	Dinitrotoluene[2,4-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dinitrotoluene[2,6-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Chloronaphthalene[2-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Chlorophenol[2-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Methylnaphthalene[2-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Methylphenol[2-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Nitroaniline[2-]	1.8	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Nitrophenol[2-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Nitroaniline[3-]	1.8	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Chloroaniline[4-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Methylphenol[4-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Nitroaniline[4-]	1.8	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Nitrophenol[4-]	1.8	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Aconaphthene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Aconaphthylene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Aniline	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Anthracene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Azobenzene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Benzo(a)anthracene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Benzo(a)pyrene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Benzo(b)fluoranthene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Benzo(g,h,i)perylene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Benzo(k)fluoranthene	0.37	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15434	MD54-01-0045	8-9	Soil	Benzoic acid	1.8	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Benzyl alcohol	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Bis(2-chloroethyl)ether	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Butylbenzylphthalate	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Chrysene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Di-n-butylphthalate	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Di-n-octylphthalate	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dibenz(a,h)anthracene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dibenzofuran	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Diethylphthalate	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dimethyl phthalate	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Fluoranthene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Fluorene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Hexachlorobenzene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Hexachlorobutadiene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Hexachlorocyclopentadiene	1.8	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Hexachloroethane	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Isophorone	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Nitrosodimethylamine[N-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Naphthalene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Nitrobenzene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Pentachlorophenol	1.8	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Phenanthrene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Phenol	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Pyrene	0.37	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Chloroethane	0.012	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Chloroform	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Chloromethane	0.012	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichloropropene[cis-1,3-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dibromomethane	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichlorodifluoromethane	0.012	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Ethylbenzene	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Iodomethane	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Isopropylbenzene	0.0062	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15434	MD54-01-0045	8-9	Soil	Methylene chloride	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Butylbenzene[n-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Propylbenzene[1-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Butylbenzene[sec-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Styrene	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Butylbenzene[tert-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Tetrachloroethene	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Toluene	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Dichloropropene[trans-1,3-]	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Trichloroethene	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Trichlorofluoromethane	0.012	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Trichlorotrifluoroethane	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Vinyl chloride	0.012	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	Xylene (total)	0.0062	mg/kg	U
54-15434	MD54-01-0045	8-9	Soil	pH	8.6	SU	None
54-15435	MD54-01-0047	8-9	Soil	Trichlorobenzene[1,2,4-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dichlorobenzene[1,2-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dichlorobenzene[1,3-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dichlorobenzene[1,4-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Trichlorophenol[2,4,5-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Trichlorophenol[2,4,6-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dichlorophenol[2,4-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dimethylphenol[2,4-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dinitrotoluene[2,4-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dinitrotoluene[2,6-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Chloronaphthalene[2-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Chlorophenol[2-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Methylnaphthalene[2-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Methylphenol[2-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Nitroaniline[2-]	1.8	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Nitrophenol[2-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dichlorobenzidine[3,3'-]	1.8	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Nitroaniline[3-]	1.8	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Bromophenyl-phenylether[4-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Chloro-3-methylphenol[4-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Chloroaniline[4-]	0.37	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15435	MD54-01-0047	8-9	Soil	Chlorophenyl-phenyl[4-] other	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Methylphenol[4-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Nitroaniline[4-]	1.8	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Nitrophenol[4-]	1.8	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Acenaphthone	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Acenaphthylene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Aniline	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Anthracene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Azobenzene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Benzo(a)anthracene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Benzo(a)pyrene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Benzo(b)fluoranthene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Benzo(g,h,i)perylene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Benzo(k)fluoranthene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Benzoic acid	1.8	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Benzyl alcohol	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Bis(2-chloroethoxy)methane	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Bis(2-chloroethyl)ether	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Butylbenzylphthalate	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Chrysene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Di-n-butylphthalate	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Di-n-octylphthalate	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dibenz(a,h)anthracene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dibenzofuran	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Diethylphthalate	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Dimethyl phthalate	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Fluoranthene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Fluorene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Hexachlorobenzene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Hexachlorobutadiene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Hexachloroethane	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Isophorone	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Nitrosodimethylamine[N-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Nitrosodiphenylamine[N-]	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Naphthalene	0.37	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15435	MD54-01-0047	8-9	Soil	Nitrobenzene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Pentachlorophenol	1.8	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Phenanthrene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Phenol	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Pyrene	0.37	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dibromo-3-chloropropane[1,2-]	0.01	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichloroethane[cis/trans-1,2-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Butanone[2-]	0.02	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Hexanone[2-]	0.02	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Methyl-2-pentanone[4-]	0.02	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Acetone	0.029	mg/kg	J
54-15435	MD54-01-0047	8-9	Soil	Benzene	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Bromobenzene	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Bromochloromethane	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Bromodichloromethane	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Bromoform	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Bromomethane	0.01	mg/kg	UJ
54-15435	MD54-01-0047	8-9	Soil	Carbon disulfide	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15435	MD54-01-0047	8-9	Soil	Carbon tetrachloride	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Chlorobenzene	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Chlorodibromomethane	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Chloroethane	0.01	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Chloroform	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Chloromethane	0.01	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dibromomethane	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichlorodifluoromethane	0.01	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Ethylbenzene	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Iodomethane	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Isopropylbenzene	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Methylene chloride	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Butylbenzene[n-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Propylbenzene[1-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Styrene	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Tetrachloroethene	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Toluene	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Trichloroethene	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Trichlorofluoromethane	0.01	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Trichlorotrifluoroethane	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Vinyl chloride	0.01	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	Xylene (total)	0.005	mg/kg	U
54-15435	MD54-01-0047	8-9	Soil	pH	8.45	SU	None
54-15436	MD54-01-0049	8-9	Soil	Dichloropropene[cis-1,3-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dibromomethane	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichlorodifluoromethane	0.012	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Ethylbenzene	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Iodomethane	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Isopropylbenzene	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Methylene chloride	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Butylbenzene[n-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Propylbenzene[1-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Butylbenzene[sec-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Styrene	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Butylbenzene[tert-]	0.0059	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15436	MD54-01-0049	8-9	Soil	Tetrachloroethene	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Toluene	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichloropropene[trans-1,3-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Trichloroethene	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Trichlorofluoromethane	0.012	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Trichlorotrifluoroethane	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Vinyl chloride	0.012	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Xylene (total)	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichloroethane[1,1-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichloroethene[1,1-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichloropropene[1,1-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Trichloropropane[1,2,3-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dibromoethane[1,2-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichlorobenzene[1,2-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichloroethane[1,2-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichloroethene[cis/trans-1,2-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichloropropane[1,2-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichlorobenzene[1,3-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichloropropane[1,3-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichlorobenzene[1,4-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Dichloropropane[2,2-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Butanone[2-]	0.024	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Chlorotoluene[2-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Hexanone[2-]	0.024	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Chlorotoluene[4-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Isopropyltoluene[4-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Methyl-2-pentanone[4-]	0.024	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Acetone	0.012	mg/kg	J
54-15436	MD54-01-0049	8-9	Soil	Benzene	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Bromobenzene	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Bromochloromethane	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Bromodichloromethane	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Bromoform	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Bromomethane	0.012	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Carbon disulfide	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Carbon tetrachloride	0.0059	mg/kg	U



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15436	MD54-01-0049	8-9	Soil	Chlorobenzene	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Chlorodibromomethane	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Chloroethane	0.012	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Chloroform	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Chloromethane	0.012	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Tetrachloroethane[1,1,1,2-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Trichloroethane[1,1,1-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Tetrachloroethane[1,1,2,2-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	Trichloroethane[1,1,2-]	0.0059	mg/kg	U
54-15436	MD54-01-0049	8-9	Soil	pH	7.13	SU	None
54-15436	MD54-01-0049	8-9	Soil	Trichlorobenzene[1,2,4-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dichlorobenzene[1,2-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dichlorobenzene[1,3-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dichlorobenzene[1,4-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Trichlorophenol[2,4,5-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Trichlorophenol[2,4,6-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dichlorophenol[2,4-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dimethylphenol[2,4-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dinitrotoluene[2,4-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dinitrotoluene[2,6-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Chloronaphthalene[2-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Chlorophenol[2-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Methylnaphthalene[2-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Methylphenol[2-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Nitroaniline[2-]	1.7	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Nitrophenol[2-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Nitroaniline[3-]	1.7	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Bromophenyl-phenylether[4-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Chloro-3-methylphenol[4-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Chloroaniline[4-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Methylphenol[4-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Nitroaniline[4-]	1.7	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Nitrophenol[4-]	1.7	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Acenaphthene	0.36	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15436	MD54-01-0049	8-9	Soil	Acenaphthylene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Aniline	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Anthracene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Azobenzene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Benzo(a)anthracene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Benzo(a)pyrene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Benzo(b)fluoranthene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Benzo(g,h,i)perylene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Benzo(k)fluoranthene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Benzoic acid	1.7	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Benzyl alcohol	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Bis(2-chloroethoxy)methane	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Bis(2-chloroethyl)ether	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Butylbenzylphthalate	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Chrysene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Di-n-butylphthalate	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Di-n-octylphthalate	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dibenz(a,h)anthracene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dibenzofuran	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Diethylphthalate	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Dimethyl phthalate	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Fluoranthene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Fluorene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Hexachlorobenzene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Hexachlorobutadiene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Hexachloroethane	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Isophorone	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Nitrosodimethylamine[N-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Nitrosodiphenylamine[N-]	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Naphthalene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Nitrobenzene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Pentachlorophenol	1.7	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Phenanthrene	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Phenol	0.36	mg/kg	UJ
54-15436	MD54-01-0049	8-9	Soil	Pyrene	0.36	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15434	MD54-01-0060	8-9	Soil	Strontium-90	-0.19	pCi/g	U
54-15435	MD54-01-0062	8-9	Soil	Strontium-90	0.04	pCi/g	U
54-15436	MD54-01-0064	8-9	Soil	Strontium-90	-0.03	pCi/g	U
54-15434	MD54-01-0046	9-10	Obt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dinitrophenol[2,4-]	1.7	mg/kg	UU
54-15434	MD54-01-0046	9-10	Obt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Chlorophenol[2-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Methylphenol[2-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Nitroaniline[2-]	1.7	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Nitrophenol[2-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Nitroaniline[3-]	1.7	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Bromophenyl-phenyl ether[4-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Chloroaniline[4-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Methylphenol[4-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Nitroaniline[4-]	1.7	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Nitrophenol[4-]	1.7	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Aconaphthene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Aconaphthylene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Aniline	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Anthracene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Azobenzene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Benzo(a)anthracene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Benzo(a)pyrene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Benzo(b)fluoranthene	0.36	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15434	MD54-01-0046	9-10	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Benzoic acid	1.7	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Chrysene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Dibenzofuran	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Diethylphthalate	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Fluoranthene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Fluorene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Qbt 3	Hexachloroethane	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Isophorone	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Naphthalene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Nitrobenzene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Phenanthrene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Phenol	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Pyrene	0.36	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Qbt 3	Trichloroethane[1,1,1-]	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Qbt 3	Trichloroethane[1,1,2-]	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Dichloroethane[1,1-]	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Dichloroethene[1,1-]	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Dichloropropene[1,1-]	0.0069	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15434	MD54-01-0046	9-10	Obt 3	Trichloropropane[1,2,3-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Trimethylbenzene[1,2,4-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Dibromoethane[1,2-]	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dichlorobenzene[1,2-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Dichloroethane[1,2-]	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dichloroethene[cis/trans-1,2-]	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dichloropropane[1,2-]	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Trimethylbenzene[1,3,5-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Dichlorobenzene[1,3-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Dichloropropane[1,3-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Dichlorobenzene[1,4-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Dichloropropane[2,2-]	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Butanone[2-]	0.027	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Chlorotoluene[2-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Hexanone[2-]	0.027	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Chlorotoluene[4-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Isopropyltoluene[4-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Methyl-2-pentanone[4-]	0.027	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Acetone	0.027	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Benzene	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Bromobenzene	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Bromochloromethane	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Bromodichloromethane	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Bromoform	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Bromomethane	0.014	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Carbon disulfide	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Carbon tetrachloride	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Chlorobenzene	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Chlorodibromomethane	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Chloroethane	0.014	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Chloroform	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Chloromethane	0.014	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dichloropropene[cis-1,3-]	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dibromomethane	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Dichlorodifluoromethane	0.014	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Ethylbenzene	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Obt 3	Iodomethane	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Obt 3	Isopropylbenzene	0.0069	mg/kg	UJ

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (m)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15434	MD54-01-0046	9-10	Qbt 3	Methylene chloride	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Butylbenzene[n-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Qbt 3	Propylbenzene[1-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Qbt 3	Butylbenzene[sec-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Qbt 3	Styrene	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Qbt 3	Butylbenzene[tert-]	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Qbt 3	Tetrachloroethene	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Qbt 3	Toluene	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Dichloropropene[trans-1,3-]	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Trichloroethene	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Trichlorofluoromethane	0.014	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Trichlorotrifluoroethane	0.0069	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Vinyl chloride	0.014	mg/kg	U
54-15434	MD54-01-0046	9-10	Qbt 3	Xylene (total)	0.0069	mg/kg	UJ
54-15434	MD54-01-0046	9-10	Qbt 3	pH	8.83	SU	None
54-15435	MD54-01-0048	9-10	Qbt 3	Chlorodibromomethane	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Chloroethane	0.013	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Chloroform	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Chloromethane	0.013	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Dichloropropene[cis-1,3-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Dibromomethane	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Dichlorodifluoromethane	0.013	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Ethylbenzene	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Iodomethane	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Isopropylbenzene	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Methylene chloride	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Butylbenzene[n-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Propylbenzene[1-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Butylbenzene[sec-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Styrene	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Butylbenzene[tert-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Tetrachloroethene	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Toluene	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Dichloropropene[trans-1,3-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Trichloroethene	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Trichlorofluoromethane	0.013	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Trichlorotrifluoroethane	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Vinyl chloride	0.013	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Xylene (total)	0.0066	mg/kg	U

**Table D-2.0-2 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15435	MD54-01-0048	9-10	Obt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Butylbenzylphthalate	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Chrysene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Di-n-butylphthalate	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Di-n-octylphthalate	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Dibenz(a,h)anthracene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Dibenzofuran	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Diethylphthalate	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Dimethyl phthalate	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Fluoranthene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Fluorene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Hexachlorobenzene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Hexachlorobutadiene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Hexachloroethane	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Isophorone	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Naphthalene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Nitrobenzene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Pentachlorophenol	1.7	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Phenanthrene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Phenol	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Pyrene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Obt 3	Tetrachloroethane[1,1,1,2-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Obt 3	Trichloroethane[1,1,1-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Obt 3	Tetrachloroethane[1,1,2,2-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Obt 3	Trichloroethane[1,1,2-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Obt 3	Dichloroethane[1,1-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Obt 3	Dichloroethene[1,1-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Obt 3	Dichloropropene[1,1-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Obt 3	Trichloropropane[1,2,3-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Obt 3	Trimethylbenzene[1,2,4-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Obt 3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
54-15435	MD54-01-0043	9-10	Obt 3	Dibromoethane[1,2-]	0.0066	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15435	MD54-01-0048	9-10	Qbt 3	Dichlorobenzene[1,2-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Dichloroethane[1,2-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Dichloroethene[cis/trans-1,2-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Dichloropropane[1,2-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Trimethylbenzene[1,3,5-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Dichlorobenzene[1,3-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Dichloropropane[1,3-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Dichlorobenzene[1,4-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Dichloropropane[2,2-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Butanone[2-]	0.026	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Chlorotoluene[2-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Hexanone[2-]	0.026	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Chlorotoluene[4-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Isopropyltoluene[4-]	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Methyl-2-pentanone[4-]	0.026	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Acetone	0.014	mg/kg	J
54-15435	MD54-01-0048	9-10	Qbt 3	Benzene	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Bromobenzene	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Bromochloromethane	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Bromodichloromethane	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Bromoform	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Bromomethane	0.013	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Carbon disulfide	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Carbon tetrachloride	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Chlorobenzene	0.0066	mg/kg	U
54-15435	MD54-01-0048	9-10	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	UJ



Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15435	MD54-01-0048	9-10	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Methylphenol[2-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Methylphenol[4-]	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Aconaphthene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Aconaphthylene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Aniline	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Anthracene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Azobenzene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Benzo(a)anthracene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Benzoic acid	1.7	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	Benzyl alcohol	0.35	mg/kg	UJ
54-15435	MD54-01-0048	9-10	Qbt 3	pH	8.61	SU	None
54-15434	MD54-01-0061	9-10	Qbt 3	Strontium-90	-0.17	pCi/g	U
54-15435	MD54-01-0063	9-10	Qbt 3	Strontium-90	-0.14	pCi/g	U
54-15436	MD54-01-0065	9-10	Soil	Strontium-90	0.003	pCi/g	U

**Table D-2.0-3**  
**Waste Characterization Data for PRS 54-007(c)-99**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09205	0554-95-2006	n/a <sup>a</sup>	Sludge	Ethylbenzene	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Styrone	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichloropropene[cis-1,3-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichloropropene[trans-1,3-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Propylbenzene[1-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Butylbenzene[n-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Chlorotoluene[4-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichlorobenzene[1,4-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dibromoethane[1,2-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichloroethane[1,2-]	6	µg/L	None
54-09205	0554-95-2006	n/a	Sludge	Methyl-2-pentanone[4-]	20	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Trimethylbenzene[1,3,5-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Bromobenzene	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Toluene	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Chlorobenzene	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Chlorodibromomethane	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Tetrachloroethene	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Xylene (total)	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Butylbenzene[sec-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichloropropane[1,3-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichloroethene[cis-1,2-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichloroethene[trans-1,2-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichlorobenzene[1,3-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Carbon tetrachloride	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichloropropene[1,1-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Hexanone[2-]	20	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichloropropane[2,2-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Tetrachloroethane[1,1,1,2-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Acetone	3	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Chloroform	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Benzene	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Trichloroethane[1,1,1-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Bromomethane	10	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Chloromethane	10	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Iodomethane	5	µg/L	U

<sup>a</sup> n/a = Not applicable. Samples were collected from within the septic tank.

<sup>b</sup> Expressed as N.

**Table D-2.0-3 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09205	0554-95-2006	n/a	Sludge	Dibromomethane	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Bromochloromethane	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Chloroethane	76	µg/L	None
54-09205	0554-95-2006	n/a	Sludge	Vinyl chloride	10	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Methylene chloride	9	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Carbon disulfide	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Bromoform	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Bromodichloromethane	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichloroethane[1,1-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichloroethene[1,1-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Trichlorofluoromethane	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichlorodifluoromethane	10	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichloropropane[1,2-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Butanone[2-]	20	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Trichloroethane[1,1,2-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Trichloroethene	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Tetrachloroethane[1,1,2,2-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Xylene[1,2-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Chlorotoluene[2-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dichlorobenzene[1,2-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Trimethylbenzene[1,2,4-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Dibromo-3-chloropropane[1,2-]	10	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Trichloropropane[1,2,3-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Butylbenzene[tert-]	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Isopropylbenzene	5	µg/L	U
54-09205	0554-95-2006	n/a	Sludge	Isopropyltoluene[4-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Ethylbenzene	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Styrene	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichloropropene[cis-1,3-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichloropropene[trans-1,3-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Propylbenzene[1-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Butylbenzene[n-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Chlorotoluene[4-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichlorobenzene[1,4-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dibromoethane[1,2-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichloroethane[1,2-]	5	µg/L	None
54-09205	0554-95-2007	n/a	Sludge	Methyl-2-pentanone[4-]	20	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Trimethylbenzene[1,3,5-]	5	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09205	0554-95-2007	n/a	Sludge	Bromobenzene	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Toluene	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Chlorobenzene	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Chlorodibromomethane	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Tetrachloroethene	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Xylene (total)	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Butylbenzene[sec-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichloropropane[1,3-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichloroethene[cis-1,2-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichloroethene[trans-1,2-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichlorobenzene[1,3-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Carbon tetrachloride	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichloropropene[1,1-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Hexanone[2-]	20	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichloropropane[2,2-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Tetrachloroethane[1,1,1,2-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Acetone	40	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Chloroform	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Benzene	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Trichloroethane[1,1,1-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Bromomethane	10	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Chloromethane	10	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Iodomethane	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dibromomethane	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Bromochloromethane	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Chloroethane	72	µg/L	None
54-09205	0554-95-2007	n/a	Sludge	Vinyl chloride	10	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Methylene chloride	10	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Carbon disulfide	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Bromoform	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Bromodichloromethane	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichloroethane[1,1-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichloroethene[1,1-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Trichlorofluoromethane	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichlorodifluoromethane	10	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichloropropane[1,2-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Butanone[2-]	20	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Trichloroethane[1,1,2-]	5	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09205	0554-95-2007	n/a	Sludge	Trichloroethene	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Tetrachloroethane[1,1,2,2-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Xylene[1,2-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Chlorotoluene[2-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dichlorobenzene[1,2-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Trimethylbenzene[1,2,4-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Dibromo-3-chloropropane[1,2-]	10	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Trichloropropane[1,2,3-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Butylbenzene[tert-]	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Isopropylbenzene	5	µg/L	U
54-09205	0554-95-2007	n/a	Sludge	Isopropyltoluene[4-]	5	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Nitroaniline[4-]	20	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Nitrophenol[4-]	50	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Benzyl alcohol	20	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Bromophenyl-phenylether[4-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Azobenzene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dimethylphenol[2,4-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Methylphenol[4-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dichlorobenzene[1,4-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Chloroaniline[4-]	20	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Oxybis(1-chloropropane)[2,2'-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Phenol	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Bis(2-chloroethyl)ether	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Bis(2-chloroethoxy)methane	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Bis(2-ethylhexyl)phthalate	3	µg/L	J
54-09205	0554-95-2008	n/a	Sludge	Di-n-octylphthalate	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Hexachlorobenzene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Anthracene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Trichlorobenzene[1,2,4-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dichlorophenol[2,4-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dinitrotoluene[2,4-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Pyrene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dimethyl phthalate	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dibenzofuran	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Benzo(g,h,i)perylene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Indeno(1,2,3-cd)pyrene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Benzo(b)fluoranthene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Fluoranthene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Benzo(k)fluoranthene	10	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09205	0554-95-2008	n/a	Sludge	Acenaphthylene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Chrysene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Benzo(a)pyrene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dinitrophenol[2,4-]	50	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dibenz(a,h)anthracene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dinitro-2-methylphenol[4,6-]	50	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dichlorobenzene[1,3-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Benzo(a)anthracene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Chloro-3-methylphenol[4-]	20	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dinitrotoluene[2,6-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Aniline	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Nitrosodimethylamine[N-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Nitroso-di-n-propylamine[N-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Benzoic acid	50	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Hexachloroethane	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Chlorophenyl-phenyl[4-] other	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Hexachlorocyclopentadiene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Isophorone	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Acenaphthone	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Diethylphthalate	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Di-n-butylphthalate	4	µg/L	J
54-09205	0554-95-2008	n/a	Sludge	Phenanthrene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Butylbenzylphthalate	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Nitrosodiphenylamine[N-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Fluorene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Hexachlorobutadiene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Pentachlorophenol	50	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Trichlorophenol[2,4,6-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Nitroaniline[2-]	50	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Nitrophenol[2-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Naphthalene	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Methylnaphthalene[2-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Chloronaphthalene[2-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dichlorobenzidine[3,3'-]	20	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Methylphenol[2-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dichlorobenzene[1,2-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Chlorophenol[2-]	10	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Trichlorophenol[2,4,5-]	50	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Nitrobenzene	10	µg/L	U

**Table D-2.0-3 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09205	0554-95-2008	n/a	Sludge	Nitroaniline[3-]	50	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Cyanide, total	5	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Mercury	0.1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Arsenic	1.8	µg/L	J-
54-09205	0554-95-2008	n/a	Sludge	Lead	0.6	µg/L	J
54-09205	0554-95-2008	n/a	Sludge	Selenium	1.6	µg/L	UJ
54-09205	0554-95-2008	n/a	Sludge	Thallium	1.3	µg/L	UJ
54-09205	0554-95-2008	n/a	Sludge	Silver	4.4	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Aluminum	29	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Barium	29.7	µg/L	J
54-09205	0554-95-2008	n/a	Sludge	Beryllium	1.6	µg/L	J
54-09205	0554-95-2008	n/a	Sludge	Calcium	68300	µg/L	None
54-09205	0554-95-2008	n/a	Sludge	Cadmium	3.4	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Cobalt	4.5	µg/L	J
54-09205	0554-95-2008	n/a	Sludge	Chromium, total	9.6	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Copper	6.8	µg/L	J
54-09205	0554-95-2008	n/a	Sludge	Iron	56.1	µg/L	J
54-09205	0554-95-2008	n/a	Sludge	Potassium	13100	µg/L	None
54-09205	0554-95-2008	n/a	Sludge	Magnesium	5010	µg/L	None
54-09205	0554-95-2008	n/a	Sludge	Manganese	106	µg/L	None
54-09205	0554-95-2008	n/a	Sludge	Sodium	31800	µg/L	None
54-09205	0554-95-2008	n/a	Sludge	Nickel	14.9	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Antimony	43.2	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Vanadium	6.6	µg/L	J
54-09205	0554-95-2008	n/a	Sludge	Zinc	40.7	µg/L	J+
54-09205	0554-95-2008	n/a	Sludge	Heptachlor epoxide	0.052	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Endosulfan sulfate	0.1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Aroclor-1260	1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Aroclor-1254	1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Aroclor-1221	2	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Aroclor-1232	1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Aroclor-1248	1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Aroclor-1016	1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Aldrin	0.052	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	BHC[alpha-]	0.052	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	BHC[beta-]	0.052	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	BHC[delta-]	0.052	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Endosulfan II	0.1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	DDT[4,4'-]	0.1	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09205	0554-95-2008	n/a	Sludge	Chlordane[alpha-]	0.052	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Chlordane[gamma-]	0.052	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Aroclor-1242	1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Endrin ketone	0.1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	BHC[gamma-]	0.052	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Dieldrin	0.1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Endrin	0.1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Methoxychlor[4,4'-]	0.52	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	DDD[4,4'-]	0.1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	DDE[4,4'-]	0.1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Endrin aldehyde	0.1	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Heptachlor	0.052	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Toxaphene (technical grade)	5.2	µg/L	U
54-09205	0554-95-2008	n/a	Sludge	Endosulfan I	0.052	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Ethylbenzene	1	µg/L	J
54-09211	0554-95-2012	n/a	Sludge	Styrene	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichloropropene[cis-1,3-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichloropropene[trans-1,3-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Propylbenzene[1-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Butylbenzene[n-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Chlorotoluene[4-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichlorobenzene[1,4-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dibromoethane[1,2-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichloroethane[1,2-]	4	µg/L	J
54-09211	0554-95-2012	n/a	Sludge	Methyl-2-pentanone[4-]	20	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Trimethylbenzene[1,3,5-]	3	µg/L	J
54-09211	0554-95-2012	n/a	Sludge	Bromobenzene	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Toluene	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Chlorobenzene	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Chlorodibromomethane	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Tetrachloroethene	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Xylene (total)	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Butylbenzene[soc-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichloropropane[1,3-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichloroethane[cis-1,2-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichloroethane[trans-1,2-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichlorobenzene[1,3-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Carbon tetrachloride	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichloropropene[1,1-]	5	µg/L	U



**Table D-2.0-3 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09211	0554-95-2012	n/a	Sludge	Hexanone[2-]	20	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichloropropane[2,2-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Tetrachloroethane[1,1,1,2-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Acetone	32	µg/L	None
54-09211	0554-95-2012	n/a	Sludge	Chloroform	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Benzene	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Trichloroethane[1,1,1-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Bromomethane	10	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Chloromethane	10	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Iodomethane	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dibromomethane	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Bromochloromethane	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Chloroethane	68	µg/L	None
54-09211	0554-95-2012	n/a	Sludge	Vinyl chloride	10	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Methylene chloride	7	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Carbon disulfide	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Bromoform	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Bromodichloromethane	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichloroethane[1,1-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichloroethene[1,1-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Trichlorofluoromethane	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichlorodifluoromethane	10	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichloropropane[1,2-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Butanone[2-]	20	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Trichloroethane[1,1,2-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Trichloroethene	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Tetrachloroethane[1,1,2,2-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Xylene[1,2-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Chlorotoluene[2-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Dichlorobenzene[1,2-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Trimethylbenzene[1,2,4-]	5	µg/L	None
54-09211	0554-95-2012	n/a	Sludge	Dibromo-3-chloropropane[1,2-]	10	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Trichloropropane[1,2,3-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Butylbenzene[tert-]	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Isopropylbenzene	5	µg/L	U
54-09211	0554-95-2012	n/a	Sludge	Isopropyltoluene[4-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Ethylbenzene	2	µg/L	J
54-09211	0554-95-2013	n/a	Sludge	Styrene	5	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09211	0554-95-2013	n/a	Sludge	Dichloropropene[cis-1,3-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichloropropene[trans-1,3-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Propylbenzene[1-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Butylbenzene[n-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Chlorotoluene[4-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichlorobenzene[1,4-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dibromoethane[1,2-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichloroethane[1,2-]	5	µg/L	None
54-09211	0554-95-2013	n/a	Sludge	Methyl-2-pentanone[4-]	20	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Trimethylbenzene[1,3,5-]	3	µg/L	J
54-09211	0554-95-2013	n/a	Sludge	Bromobenzene	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Toluene	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Chlorobenzene	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Chlorodibromomethane	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Tetrachloroethene	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Xylene (total)	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Butylbenzene[sec-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichloropropane[1,3-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichloroethene[cis-1,2-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichloroethene[trans-1,2-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichlorobenzene[1,3-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Carbon tetrachloride	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichloropropene[1,1-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Hexanone[2-]	20	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichloropropane[2,2-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Tetrachloroethane[1,1,1,2-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Acetone	42	µg/L	None
54-09211	0554-95-2013	n/a	Sludge	Chloroform	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Benzene	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Trichloroethane[1,1,1-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Bromomethane	10	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Chloromethane	10	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Iodomethane	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dibromomethane	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Bromochloromethane	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Chloroethane	77	µg/L	None
54-09211	0554-95-2013	n/a	Sludge	Vinyl chloride	10	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Methylone chloride	8	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Carbon disulfide	5	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09211	0554-95-2013	n/a	Sludge	Bromoform	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Bromodichloromethane	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichloroethane[1,1-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichloroethene[1,1-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Trichlorofluoromethane	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichlorodifluoromethane	10	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichloropropane[1,2-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Butanone[2-]	20	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Trichloroethane[1,1,2-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Trichloroethene	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Tetrachloroethane[1,1,2,2-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Xylene[1,2-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Chlorotoluene[2-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Dichlorobenzene[1,2-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Trimethylbenzene[1,2,4-]	5	µg/L	None
54-09211	0554-95-2013	n/a	Sludge	Dibromo-3-chloropropane[1,2-]	10	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Trichloropropane[1,2,3-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Butylbenzene[tert-]	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Isopropylbenzene	5	µg/L	U
54-09211	0554-95-2013	n/a	Sludge	Isopropyltoluene[4-]	5	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Nitroaniline[4-]	200	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Nitrophenol[4-]	500	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Benzyl alcohol	200	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Bromophenyl-phenylether[4-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Azobenzene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Dimethylphenol[2,4-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Methylphenol[4-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Dichlorobenzene[1,4-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Chloroaniline[4-]	200	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Oxybis(1-chloropropane)[2,2'-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Phenol	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Bis(2-chloroethyl)ether	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Bis(2-chloroethoxy)methane	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Bis(2-ethylhexyl)phthalate	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Di-n-octylphthalate	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Hexachlorobenzene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Anthracene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Trichlorobenzene[1,2,4-]	100	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09211	0554-95-2014	n/a	Sludge	Dichlorophenol[2,4-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Dinitrotoluene[2,4-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Pyrene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Dimethyl phthalate	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Dibenzofuran	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Benzo(g,h,i)perylene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Indeno(1,2,3-cd)pyrene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Benzo(b)fluoranthene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Fluoranthene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Benzo(k)fluoranthene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Acenaphthylene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Chrysene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Benzo(a)pyrene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Dinitrophenol[2,4-]	500	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Dibenz(a,h)anthracene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Dinitro-2-methylphenol[4,6-]	500	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Dichlorobenzene[1,3-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Benzo(a)anthracene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Chloro-3-methylphenol[4-]	200	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Dinitrotoluene[2,6-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Aniline	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Nitrosodimethylamine[N-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Nitroso-di-n-propylamine[N-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Benzoic acid	500	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Hexachloroethane	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Chlorophenyl-phenyl[4-] ether	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Hexachlorocyclopentadiene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Isophorone	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Acenaphthene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Diethylphthalate	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Di-n-butylphthalate	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Phenanthrene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Butylbenzylphthalate	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Nitrosodiphenylamine[N-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Fluorene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Hexachlorobutadiene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Pentachlorophenol	500	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Trichlorophenol[2,4,6-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Nitroaniline[2-]	500	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09211	0554-95-2014	n/a	Sludge	Nitrophenol[2-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Naphthalene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Methylnaphthalene[2-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Chloronaphthalene[2-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Dichlorobenzidine[3,3'-]	200	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Methylphenol[2-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Dichlorobenzene[1,2-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Chlorophenol[2-]	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Trichlorophenol[2,4,5-]	500	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Nitrobenzene	100	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Nitroaniline[3-]	500	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Cyanide, total	8.7	µg/L	None
54-09211	0554-95-2014	n/a	Sludge	Mercury	2.1	µg/L	None
54-09211	0554-95-2014	n/a	Sludge	Arsenic	3.9	µg/L	J-
54-09211	0554-95-2014	n/a	Sludge	Thallium	13	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Lead	64.4	µg/L	None
54-09211	0554-95-2014	n/a	Sludge	Selenium	1.6	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Silver	4.4	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Aluminum	8700	µg/L	None
54-09211	0554-95-2014	n/a	Sludge	Barium	272	µg/L	None
54-09211	0554-95-2014	n/a	Sludge	Beryllium	2	µg/L	J
54-09211	0554-95-2014	n/a	Sludge	Calcium	65400	µg/L	None
54-09211	0554-95-2014	n/a	Sludge	Cadmium	3.4	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Cobalt	15.2	µg/L	J
54-09211	0554-95-2014	n/a	Sludge	Chromium, total	26.7	µg/L	None
54-09211	0554-95-2014	n/a	Sludge	Copper	205	µg/L	None
54-09211	0554-95-2014	n/a	Sludge	Iron	8670	µg/L	J-
54-09211	0554-95-2014	n/a	Sludge	Potassium	25800	µg/L	None
54-09211	0554-95-2014	n/a	Sludge	Magnesium	10200	µg/L	None
54-09211	0554-95-2014	n/a	Sludge	Manganese	561	µg/L	None
54-09211	0554-95-2014	n/a	Sludge	Sodium	34000	µg/L	None
54-09211	0554-95-2014	n/a	Sludge	Nickel	30.5	µg/L	J
54-09211	0554-95-2014	n/a	Sludge	Antimony	43.2	µg/L	U
54-09211	0554-95-2014	n/a	Sludge	Vanadium	34.7	µg/L	J
54-09211	0554-95-2014	n/a	Sludge	Zinc	106.8	µg/L	J+
54-09211	0554-95-2014	n/a	Sludge	Heptachlor epoxide	0.051	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Endosulfan sulfate	0.1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Aroclor-1260	1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Aroclor-1254	1	µg/L	UJ

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Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-09211	0554-95-2014	n/a	Sludge	Aroclor-1221	2	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Aroclor-1232	1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Aroclor-1248	1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Aroclor-1016	1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Aldrin	0.051	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	BHC[alpha-]	0.051	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	BHC[beta-]	0.051	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	BHC[delta-]	0.051	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Endosulfan II	0.1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	DDT[4,4'-]	0.1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Chlordane[alpha-]	0.051	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Chlordane[gamma-]	0.051	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Aroclor-1242	1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Endrin ketone	0.1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	BHC[gamma-]	0.051	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Dieldrin	0.1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Endrin	0.1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Methoxychlor[4,4'-]	0.51	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	DDD[4,4'-]	0.1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	DDE[4,4'-]	0.1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Endrin aldehyde	0.1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Heptachlor	0.051	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Toxaphene (technical grade)	5.1	µg/L	UJ
54-09211	0554-95-2014	n/a	Sludge	Endosulfan I	0.051	µg/L	UJ
54-15444	MD54-00-0047	n/a	Sludge	Actinium-228	0.058	pCi/g	None
54-15444	MD54-00-0047	n/a	Sludge	Americium-241	-0.00339	pCi/g	U
54-15444	MD54-00-0047	n/a	Sludge	Barium-140	0.0043	pCi/g	U
54-15444	MD54-00-0047	n/a	Sludge	Bismuth-214	-0.00265	pCi/g	U
54-15444	MD54-00-0047	n/a	Sludge	Cerium-139	0.000237	pCi/g	U
54-15444	MD54-00-0047	n/a	Sludge	Cerium-144	-0.00461	pCi/g	U
54-15444	MD54-00-0047	n/a	Sludge	Cesium-134	-0.0121	pCi/g	U
54-15444	MD54-00-0047	n/a	Sludge	Cesium-137	0.00195	pCi/g	U
54-15444	MD54-00-0047	n/a	Sludge	Cobalt-57	-0.00842	pCi/g	U
54-15444	MD54-00-0047	n/a	Sludge	Cobalt-60	0.00367	pCi/g	U
54-15444	MD54-00-0047	n/a	Sludge	Europium-152	0.0109	pCi/g	U
54-15444	MD54-00-0047	n/a	Sludge	Lead-212	0.0257	pCi/g	None
54-15444	MD54-00-0047	n/a	Sludge	Lead-214	0.0147	pCi/g	U
54-15444	MD54-00-0047	n/a	Sludge	Manganese-54	-0.000196	pCi/g	U
54-15444	MD54-00-0047	n/a	Sludge	Neptunium-237	0.00371	pCi/g	U

Table D-2.0-3 (continued)

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-00-0048	n/a	Water	Protactinium-231	-16.4	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Protactinium-233	2.17	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Protactinium-234M	437	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Radium-223	16	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Radium-224	-30	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Radium-226	47.4	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Ruthenium-106	-0.564	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Selenium-75	0.657	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Sodium-22	2.04	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Strontium-85	-9.74	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Thallium-208	3.58	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Thorium-227	-14.4	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Thorium-234	4.2	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Tin-113	0.803	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Yttrium-88	-0.787	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Zinc-65	-8.22	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Tritium	-23.6	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Plutonium-238	0.00332	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Plutonium-239	0.00125	pCi/L	U
54-15444	MD54-00-0048	n/a	Water	Uranium-234	0.546	pCi/L	None
54-15444	MD54-00-0048	n/a	Water	Uranium-235	0.0273	pCi/L	None
54-15444	MD54-00-0048	n/a	Water	Uranium-238	0.375	pCi/L	None
54-15444	MD54-00-0039	n/a	Sludge	Aldrin	0.4	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Aroclor-1016	8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Aroclor-1221	16	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Aroclor-1232	8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Aroclor-1242	8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Aroclor-1248	8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Aroclor-1254	8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Aroclor-1260	8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	BHC[alpha-]	0.4	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	BHC[beta-]	0.4	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	BHC[delta-]	0.4	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	BHC[gamma-]	0.4	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Chlordane[alpha-]	0.4	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Chlordane[gamma-]	0.4	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	DDD[4,4'-]	0.8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	DDE[4,4'-]	0.8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	DDT[4,4'-]	0.8	µg/L	R



Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-00-0039	n/a	Sludge	Dieldrin	0.8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Endosulfan I	0.4	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Endosulfan II	0.8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Endosulfan sulfate	0.8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Endrin	0.8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Endrin aldehyde	0.8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Endrin ketone	0.8	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Heptachlor	0.4	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Heptachlor epoxide	0.4	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Methoxychlor[4,4'-]	4	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Toxaphene (technical grade)	40	µg/L	R
54-15444	MD54-00-0039	n/a	Sludge	Aconaphthene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Acenaphthylene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Aniline	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Anthracene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Azobenzene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Benzo(a)anthracene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Benzo(a)pyrene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Benzo(b)fluoranthene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Benzo(g,h,i)perylene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Benzo(k)fluoranthene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Benzoic acid	200	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Benzyl alcohol	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Bis(2-chloroethoxy)methane	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Bis(2-chloroethyl)ether	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Bis(2-ethylhexyl)phthalate	62	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Bromophenyl-phenylether[4-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Butylbenzylphthalate	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chloro-3-methylphenol[4-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chloroaniline[4-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chloronaphthalene[2-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chlorophenol[2-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chlorophenyl-phenyl[4-] ether	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chrysene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Di-n-butylphthalate	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Di-n-octylphthalate	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dibenz(a,h)anthracene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dibenzofuran	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichlorobenzene[1,2-]	80	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-00-0039	n/a	Sludge	Dichlorobenzene[1,3-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichlorobenzene[1,4-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichlorobenzidine[3,3'-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichlorophenol[2,4-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Diethylphthalate	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dimethyl phthalate	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dimethylphenol[2,4-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dinitro-2-methylphenol[4,6-]	200	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dinitrophenol[2,4-]	200	µg/L	UJ
54-15444	MD54-00-0039	n/a	Sludge	Dinitrotoluene[2,4-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dinitrotoluene[2,6-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Fluoranthene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Fluorene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Hexachlorobenzene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Hexachlorobutadiene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Hexachlorocyclopentadiene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Hexachloroethane	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Indeno(1,2,3-cd)pyrene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Isophorone	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Methylnaphthalene[2-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Methylphenol[2-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Methylphenol[4-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Naphthalene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Nitroaniline[2-]	200	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Nitroaniline[3-]	200	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Nitroaniline[4-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Nitrobenzene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Nitrophenol[2-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Nitrophenol[4-]	200	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Nitroso-di-n-propylamino[N-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Nitrosodimethylamine[N-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Nitrosodiphenylamine[N-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Oxybis(1-chloropropane)[2,2'-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Pentachlorophenol	200	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Phenanthrene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Phenol	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Pyrene	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Pyridine	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Trichlorobenzene[1,2,4-]	80	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-00-0039	n/a	Sludge	Trichlorophenol[2,4,5-]	200	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Trichlorophenol[2,4,6-]	80	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Acetone	20	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Benzene	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Bromobenzene	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Bromochloromethane	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Bromodichloromethane	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Bromoform	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Bromomethane	10	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Butanone[2-]	20	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Butylbenzene[n-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Butylbenzene[sec-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Butylbenzene[tert-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Carbon disulfide	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Carbon tetrachloride	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chlorobenzene	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chlorodibromomethane	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chloroethane	10	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chloroform	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chloromethane	10	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chlorotoluene[2-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chlorotoluene[4-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dibromo-3-chloropropane[1,2-]	10	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dibromoethane[1,2-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dibromomethane	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichlorobenzene[1,2-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichlorobenzene[1,3-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichlorobenzene[1,4-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichlorodifluoromethane	10	µg/L	UU
54-15444	MD54-00-0039	n/a	Sludge	Dichloroethane[1,1-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichloroethane[1,2-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichloroethene[1,1-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichloroethene[cis-1,2-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichloroethene[trans-1,2-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichloropropane[1,2-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichloropropane[1,3-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichloropropane[2,2-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichloropropene[1,1-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Dichloropropene[cis-1,3-]	5	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-00-0039	n/a	Sludge	Dichloropropene[trans-1,3-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Ethylbenzene	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Hexanone[2-]	20	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Iodomethane	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Isopropylbenzene	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Isopropyltoluene[4-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Methyl-2-pentanone[4-]	20	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Methylene chloride	3	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Propylbenzene[1-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Styrene	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Tetrachloroethane[1,1,1,2-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Tetrachloroethane[1,1,2,2-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Tetrachloroethene	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Toluene	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Trichloroethane[1,1,1-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Trichloroethane[1,1,2-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Trichloroethene	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Trichlorofluoromethane	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Trichloropropane[1,2,3-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Trimethylbenzene[1,2,4-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Trimethylbenzene[1,3,5-]	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Vinyl chloride	10	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Xylene (total)	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Aldrin	0.052	µg/L	R
54-15444	MD54-00-0040	n/a	Water	Aroclor-1016	1	µg/L	R
54-15444	MD54-00-0040	n/a	Water	Aroclor-1221	2.1	µg/L	R
54-15444	MD54-00-0040	n/a	Water	Aroclor-1232	1	µg/L	R
54-15444	MD54-00-0040	n/a	Water	Aroclor-1242	1	µg/L	R
54-15444	MD54-00-0040	n/a	Water	Aroclor-1248	1	µg/L	R
54-15444	MD54-00-0040	n/a	Water	Aroclor-1254	1	µg/L	R
54-15444	MD54-00-0040	n/a	Water	Aroclor-1260	1	µg/L	R
54-15444	MD54-00-0040	n/a	Water	BHC[alpha-]	0.052	µg/L	R
54-15444	MD54-00-0040	n/a	Water	BHC[beta-]	0.052	µg/L	R
54-15444	MD54-00-0040	n/a	Water	BHC[delta-]	0.052	µg/L	R
54-15444	MD54-00-0040	n/a	Water	BHC[gamma-]	0.052	µg/L	R
54-15444	MD54-00-0040	n/a	Water	Chlordane[alpha-]	0.052	µg/L	R
54-15444	MD54-00-0040	n/a	Water	Chlordane[gamma-]	0.052	µg/L	R
54-15444	MD54-00-0040	n/a	Water	DDD[4,4'-]	0.1	µg/L	R

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Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-00-0040	n/a	Water	Dibenzofuran	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichlorobenzene[1,2-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichlorobenzene[1,3-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichlorobenzene[1,4-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichlorobenzidine[3,3'-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichlorophenol[2,4-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Diethylphthalate	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dimethyl phthalate	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dimethylphenol[2,4-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dinitro-2-methylphenol[4,6-]	26	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dinitrophenol[2,4-]	26	µg/L	UJ
54-15444	MD54-00-0040	n/a	Water	Dinitrotoluene[2,4-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dinitrotoluene[2,6-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Fluoranthene	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Fluorene	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Hexachlorobenzene	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Hexachlorobutadiene	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Hexachlorocyclopentadiene	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Hexachloroethane	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Indeno(1,2,3-cd)pyrene	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Isophorone	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Methylnaphthaleno[2-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Methylphenol[2-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Methylphenol[4-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Naphthalene	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Nitroaniline[2-]	26	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Nitroaniline[3-]	26	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Nitroaniline[4-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Nitrobenzene	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Nitrophenol[2-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Nitrophenol[4-]	26	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Nitroso-di-n-propylamine[N-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Nitrosodimethylamine[N-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Nitrosodiphenylamine[N-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Oxybis(1-chloropropane)[2,2'-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Pentachlorophenol	26	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Phenanthrene	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Phenol	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Pyrene	10	µg/L	U

**Table D-2.0-3 (continued)**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-00-0040	n/a	Water	Pyridine	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Trichlorobenzene[1,2,4-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Trichlorophenol[2,4,5-]	26	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Trichlorophenol[2,4,6-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Acetone	20	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Benzene	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Bromobenzene	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Bromochloromethane	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Bromodichloromethane	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Bromoform	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Bromomethane	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Butanone[2-]	20	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Butylbenzene[n-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Butylbenzene[sec-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Butylbenzene[tert-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Carbon disulfide	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Carbon tetrachloride	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Chlorobenzene	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Chlorodibromomethane	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Chloroethane	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Chloroform	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Chloromethane	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Chlorotoluene[2-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Chlorotoluene[4-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dibromo-3-chloropropane[1,2-]	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dibromoethane[1,2-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dibromomethane	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichlorobenzene[1,2-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichlorobenzene[1,3-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichlorobenzene[1,4-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichlorodifluoromethane	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichloroethane[1,1-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichloroethane[1,2-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichloroethene[1,1-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichloroethene[dis-1,2-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichloroethene[trans-1,2-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichloropropane[1,2-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichloropropane[1,3-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichloropropane[2,2-]	5	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-00-0040	n/a	Water	Dichloropropene[1,1-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichloropropene[cis-1,3-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Dichloropropene[trans-1,3-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Ethylbenzene	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Hexanone[2-]	20	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Iodomethane	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Isopropylbenzene	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Isopropyltoluene[4-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Methyl-2-pentanone[4-]	20	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Methylene chloride	2	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Propylbenzene[1-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Styrene	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Tetrachloroethane[1,1,1,2-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Tetrachloroethane[1,1,2,2-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Tetrachloroethene	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Toluene	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Trichloroethane[1,1,1-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Trichloroethane[1,1,2-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Trichloroethene	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Trichlorofluoromethane	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Trichloropropane[1,2,3-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Trimethylbenzene[1,2,4-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Trimethylbenzene[1,3,5-]	5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Vinyl chloride	10	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Xylene (total)	5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Arsenic	29.2	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Barium	38.3	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Cadmium	4.8	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Chromium, total	3.5	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Lead	22.1	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Mercury	0.1	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Selenium	51.8	µg/L	U
54-15444	MD54-00-0039	n/a	Sludge	Silver	2.6	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Nitrogen, nitrate + nitrite <sup>b</sup>	140	µg/L	None
54-15444	MD54-00-0040	n/a	Water	Aluminum	131	µg/L	J+
54-15444	MD54-00-0040	n/a	Water	Antimony	2.2	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Arsenic	3.2	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Barium	40.8	µg/L	J



Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15444	MD54-00-0040	n/a	Water	Beryllium	0.62	µg/L	J
54-15444	MD54-00-0040	n/a	Water	Cadmium	0.4	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Calcium	76400	µg/L	None
54-15444	MD54-00-0040	n/a	Water	Chromium, total	0.6	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Cobalt	0.7	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Copper	0.8	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Iron	689	µg/L	None
54-15444	MD54-00-0040	n/a	Water	Lead	2.3	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Magnesium	4750	µg/L	J
54-15444	MD54-00-0040	n/a	Water	Manganese	97.7	µg/L	None
54-15444	MD54-00-0040	n/a	Water	Mercury	0.1	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Nickel	12.8	µg/L	J
54-15444	MD54-00-0040	n/a	Water	Potassium	14000	µg/L	None
54-15444	MD54-00-0040	n/a	Water	Selenium	4.5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Silver	0.5	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Sodium	41000	µg/L	None
54-15444	MD54-00-0040	n/a	Water	Thallium	3.8	µg/L	U
54-15444	MD54-00-0040	n/a	Water	Vanadium	4	µg/L	J
54-15444	MD54-00-0040	n/a	Water	Zinc	33.7	µg/L	None
54-15444	MD54-00-0040	n/a	Water	Oxygen demand, chemical	30000	µg/L	None
54-15444	MD54-00-0040	n/a	Water	Solids, total dissolved	440000	µg/L	None
54-15444	MD54-00-0040	n/a	Water	Solids, total suspended	10000	µg/L	U
54-15433	MD54-00-0045	n/a	Sludge	Actinium-228	0.00682	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Americium-241	0.000123	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Barium-140	-0.000754	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Bismuth-214	0.00436	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Cerium-139	-0.000933	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Cerium-144	0.0071	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Cesium-134	0.00046	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Cesium-137	0.000998	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Cobalt-57	0.00155	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Cobalt-60	-0.00113	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Europium-152	0.000633	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Lead-212	0.00194	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Lead-214	0.00736	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Manganese-54	0.0000957	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Neptunium-237	0.000567	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Potassium-40	-0.0351	pCi/g	U
54-15433	MD54-00-0045	n/a	Sludge	Radium-223	-0.00991	pCi/g	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MDS4-00-0045	n/a	Sludge	Radium-224	0.00198	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Radium-226	0.0044	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Ruthenium-106	-0.00178	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Selenium-75	0.00357	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Sodium-22	-0.00105	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Strontium-85	0.00116	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Thallium-208	0.00333	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Thorium-234	0.131	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Titanium-68	-0.000795	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Zinc-65	-0.00363	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Tritium	-7.09	pc/L	U
54-15433	MDS4-00-0045	n/a	Sludge	Plutonium-238	0.000043	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Plutonium-239	0	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Uranium-234	0.000527	pc/g	None
54-15433	MDS4-00-0045	n/a	Sludge	Uranium-235	7.31E-06	pc/g	U
54-15433	MDS4-00-0045	n/a	Sludge	Uranium-238	0.000797	pc/g	None
54-15433	MDS4-00-0046	n/a	Water	Actinium-228	-2.87	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Americium-241	2.43	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Barium-140	-12.4	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Bismuth-211	11.3	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Bismuth-212	-19.2	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Bismuth-214	-5.57	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Cadmium-109	18.9	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Cerium-139	1.19	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Cerium-144	7.1	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Cesium-134	-4.78	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Cesium-137	-0.456	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Cobalt-57	2.56	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Cobalt-60	0.107	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Europium-152	-2.19	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Lanthanum-140	-3.68	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Lead-211	-1.18	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Lead-212	-2.98	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Lead-214	2.62	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Manganese-54	-1.67	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Mercury-203	2.57	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Potassium-40	-66	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Protactinium-231	-1.59	pc/L	U
54-15433	MDS4-00-0046	n/a	Water	Protactinium-233	-7.61	pc/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-00-0046	n/a	Water	Protactinium-234M	387	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Radium-223	-2.75	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Radium-224	-18.3	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Radium-226	20.2	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Ruthenium-106	2.36	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Selenium-75	-0.944	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Sodium-22	-1.66	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Strontium-85	-4.57	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Thallium-208	0.433	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Thorium-227	-23.6	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Thorium-234	43.4	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Tin-113	-6.32	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Yttrium-88	-1.51	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Zinc-65	-11.4	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Tritium	-74.1	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Plutonium-238	-0.00522	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Plutonium-239	0.00196	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Uranium-234	0.0762	pCi/L	None
54-15433	MD54-00-0046	n/a	Water	Uranium-235	0.00216	pCi/L	U
54-15433	MD54-00-0046	n/a	Water	Uranium-238	0.101	pCi/L	None
54-15433	MD54-00-0037	n/a	Sludge	Aldrin	0.4	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Aroclor-1016	8	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Aroclor-1221	16	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Aroclor-1232	8	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Aroclor-1242	8	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Aroclor-1248	8	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Aroclor-1254	8	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Aroclor-1260	8	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	BHC[alpha-]	0.4	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	BHC[beta-]	0.4	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	BHC[delta-]	0.4	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	BHC[gamma-]	0.4	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Chlordane[alpha-]	0.4	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Chlordane[gamma-]	0.4	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	DDD[4,4'-]	0.8	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	DDE[4,4'-]	0.8	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	DDT[4,4'-]	0.8	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dieldrin	0.8	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Endosulfan I	0.4	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-00-0037	n/a	Sludge	Endosulfan II	0.8	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Endosulfan sulfate	0.8	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Endrin	0.8	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Endrin aldehyde	0.8	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Endrin ketone	0.8	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Heptachlor	0.4	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Heptachlor epoxide	0.4	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Methoxychlor[4,4'-]	4	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Toxaphene (technical grade)	40	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Acenaphthene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Acenaphthylene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Aniline	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Anthracene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Azobenzene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Benzo(a)anthracene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Benzo(a)pyrene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Benzo(b)fluoranthene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Benzo(g,h,i)perylene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Benzo(k)fluoranthene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Benzoic acid	200	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Benzyl alcohol	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Bis(2-chloroethoxy)methane	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Bis(2-chloroethyl)ether	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Bis(2-ethylhexyl)phthalate	83	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Bromophenyl-phenylether[4-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Butylbenzylphthalate	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Chloro-3-methylphenol[4-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Chloroaniline[4-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Chloronaphthalene[2-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Chlorophenol[2-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Chlorophenyl-phenyl[4-] ether	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Chrysene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Di-n-butylphthalate	11	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Di-n-octylphthalate	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Dibenz(a,h)anthracene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Dibenzofuran	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Dichlorobenzene[1,2-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Dichlorobenzene[1,3-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Dichlorobenzene[1,4-]	80	µg/L	UJ

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-00-0037	n/a	Sludge	Dichlorobenzidine[3,3'-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Dichlorophenol[2,4-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Diethylphthalate	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Dimethyl phthalate	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Dimethylphenol[2,4-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Dinitro-2-methylphenol[4,6-]	200	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Dinitrophenol[2,4-]	200	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Dinitrotoluene[2,4-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Dinitrotoluene[2,6-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Fluoranthene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Fluorene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Hexachlorobenzene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Hexachlorobutadiene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Hexachlorocyclopentadiene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Hexachloroethane	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Indeno(1,2,3-cd)pyrene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Isophorone	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Methylnaphthalene[2-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Methylphenol[2-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Methylphenol[4-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Naphthalene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Nitroaniline[2-]	200	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Nitroaniline[3-]	200	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Nitroaniline[4-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Nitrobenzene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Nitrophenol[2-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Nitrophenol[4-]	200	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Nitroso-di-n-propylamine[N-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Nitrosodimethylamine[N-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Nitrosodiphenylamine[N-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Oxybis(1-chloropropane)[2,2'-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Pentachlorophenol	200	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Phenanthrene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Phenol	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Pyrene	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Pyridine	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Trichlorobenzene[1,2,4-]	80	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Trichlorophenol[2,4,5-]	200	µg/L	UJ
54-15433	MD54-00-0037	n/a	Sludge	Trichlorophenol[2,4,6-]	80	µg/L	UJ

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-00-0037	n/a	Sludge	Acetone	20	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Benzene	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Bromobenzene	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Bromochloromethane	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Bromodichloromethane	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Bromoform	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Bromomethane	10	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Butanone[2-]	20	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Butylbenzene[n-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Butylbenzene[sec-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Butylbenzene[tort-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Carbon disulfide	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Carbon tetrachloride	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Chlorobenzene	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Chlorodibromomethane	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Chloroethane	10	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Chloroform	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Chloromethane	10	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Chlorotoluene[2-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Chlorotoluene[4-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dibromo-3-chloropropane[1,2-]	10	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dibromoethane[1,2-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dibromomethane	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichlorobenzene[1,2-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichlorobenzene[1,3-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichlorobenzene[1,4-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichlorodifluoromethane	10	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichloroethane[1,1-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichloroethane[1,2-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichloroethene[1,1-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichloroethene[cis-1,2-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichloroethene[trans-1,2-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichloropropane[1,2-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichloropropane[1,3-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichloropropane[2,2-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichloropropene[1,1-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichloropropene[cis-1,3-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Dichloropropene[trans-1,3-]	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Ethylbenzene	5	µg/L	U

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Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-00-0038	n/a	Water	Dieldrin	0.1	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Endosulfan I	0.052	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Endosulfan II	0.1	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Endosulfan sulfate	0.1	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Endrin	0.1	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Endrin aldehyde	0.1	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Endrin ketone	0.1	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Heptachlor	0.052	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Heptachlor epoxide	0.052	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Methoxychlor[4,4'-]	0.52	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Toxaphene (technical grade)	5.2	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Acenaphthene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Acenaphthylene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Aniline	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Anthracene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Azobenzene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Benzo(a)anthracene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Benzo(a)pyrene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Benzo(b)fluoranthene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Benzo(g,h,i)perylene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Benzo(k)fluoranthene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Benzoic acid	26	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Benzyl alcohol	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Bis(2-chloroethoxy)methane	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Bis(2-chloroethyl)ether	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Bis(2-ethylhexyl)phthalate	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Bromophenyl-phenylether[4-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Butylbenzylphthalate	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Chloro-3-methylphenol[4-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Chloroaniline[4-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Chloronaphthalene[2-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Chlorophenol[2-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Chlorophenyl-phenyl[4-] ether	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Chrysene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Di-n-butylphthalate	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Di-n-octylphthalate	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dibenz(a,h)anthracene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dibenzofuran	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dichlorobenzene[1,2-]	10	µg/L	UJ



Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-00-0038	n/a	Water	Dichlorobenzene[1,3-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dichlorobenzene[1,4-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dichlorobenzidine[3,3'-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dichlorophenol[2,4-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Diethylphthalate	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dimethyl phthalate	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dimethylphenol[2,4-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dinitro-2-methylphenol[4,6-]	26	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dinitrophenol[2,4-]	26	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dinitrotoluene[2,4-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dinitrotoluene[2,6-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Fluoranthene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Fluorene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Hexachlorobenzene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Hexachlorobutadiene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Hexachlorocyclopentadiene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Hexachloroethane	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Indeno(1,2,3-cd)pyrene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Isophorone	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Methylnaphthalene[2-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Methylphenol[2-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Methylphenol[4-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Naphthalene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Nitroaniline[2-]	26	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Nitroaniline[3-]	26	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Nitroaniline[4-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Nitrobenzene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Nitrophenol[2-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Nitrophenol[4-]	26	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Nitroso-di-n-propylamine[N-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Nitrosodimethylamine[N-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Nitrosodiphenylamine[N-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Oxybis(1-chloropropane)[2,2'-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Pentachlorophenol	26	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Phenanthrene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Phenol	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Pyrene	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Pyridine	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Trichlorobenzene[1,2,4-]	10	µg/L	UJ

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-00-0038	n/a	Water	Trichlorophenol[2,4,5-]	26	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Trichlorophenol[2,4,6-]	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Acetone	12	µg/L	J
54-15433	MD54-00-0038	n/a	Water	Benzene	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Bromobenzene	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Bromochloromethane	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Bromodichloromethane	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Bromoform	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Bromomethane	10	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Butanone[2-]	20	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Butylbenzene[n-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Butylbenzene[soc-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Butylbenzene[tert-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Carbon disulfide	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Carbon tetrachloride	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Chlorobenzene	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Chlorodibromomethane	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Chloroethane	10	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Chloroform	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Chloromethane	10	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Chlorotoluene[2-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Chlorotoluene[4-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dibromo-3-chloropropane[1,2-]	10	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dibromoethane[1,2-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dibromomethane	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichlorobenzene[1,2-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichlorobenzene[1,3-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichlorobenzene[1,4-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichlorodifluoromethane	10	µg/L	UJ
54-15433	MD54-00-0038	n/a	Water	Dichloroethane[1,1-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichloroethane[1,2-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichloroethene[1,1-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichloroethene[cis-1,2-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichloroethene[trans-1,2-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichloropropane[1,2-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichloropropane[1,3-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichloropropane[2,2-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichloropropene[1,1-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Dichloropropene[cis-1,3-]	5	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-00-0038	n/a	Water	Dichloropropene[trans-1,3-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Ethylbenzene	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Hexanone[2-]	20	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Iodomethane	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Isopropylbenzene	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Isopropyltoluene[4-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Methyl-2-pentanone[4-]	20	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Methylene chloride	4	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Propylbenzene[1-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Styrene	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Tetrachloroethane[1,1,1,2-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Tetrachloroethane[1,1,2,2-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Tetrachloroethene	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Toluene	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Trichloroethane[1,1,1-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Trichloroethane[1,1,2-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Trichloroethene	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Trichlorofluoromethane	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Trichloropropane[1,2,3-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Trimethylbenzene[1,2,4-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Trimethylbenzene[1,3,5-]	5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Vinyl chloride	10	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Xylene (total)	5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Arsenic	29.2	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Barium	33.4	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Cadmium	4.8	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Chromium, total	3.5	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Lead	22.1	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Mercury	0.1	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Selenium	51.8	µg/L	U
54-15433	MD54-00-0037	n/a	Sludge	Silver	2.6	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Nitrogen, nitrate + nitrite <sup>b</sup>	240	µg/L	None
54-15433	MD54-00-0038	n/a	Water	Aluminum	571	µg/L	J+
54-15433	MD54-00-0038	n/a	Water	Antimony	2.2	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Arsenic	3.2	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Barium	22.3	µg/L	J
54-15433	MD54-00-0038	n/a	Water	Beryllium	0.55	µg/L	J
54-15433	MD54-00-0038	n/a	Water	Cadmium	0.4	µg/L	U

Table D-2.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
54-15433	MD54-00-0038	n/a	Water	Calcium	52500	µg/L	None
54-15433	MD54-00-0038	n/a	Water	Chromium, total	1.1	µg/L	J
54-15433	MD54-00-0038	n/a	Water	Cobalt	4.7	µg/L	J
54-15433	MD54-00-0038	n/a	Water	Copper	28.2	µg/L	None
54-15433	MD54-00-0038	n/a	Water	Iron	898	µg/L	None
54-15433	MD54-00-0038	n/a	Water	Lead	4.9	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Magnesium	8040	µg/L	None
54-15433	MD54-00-0038	n/a	Water	Manganese	152	µg/L	None
54-15433	MD54-00-0038	n/a	Water	Mercury	0.1	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Nickel	13.4	µg/L	J
54-15433	MD54-00-0038	n/a	Water	Potassium	19100	µg/L	None
54-15433	MD54-00-0038	n/a	Water	Selenium	4.5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Silver	0.5	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Sodium	31000	µg/L	None
54-15433	MD54-00-0038	n/a	Water	Thallium	3.8	µg/L	U
54-15433	MD54-00-0038	n/a	Water	Vanadium	2.6	µg/L	J
54-15433	MD54-00-0038	n/a	Water	Zinc	82.1	µg/L	None
54-15433	MD54-00-0038	n/a	Water	Oxygen demand, chemical	46000	µg/L	None
54-15433	MD54-00-0038	n/a	Water	Solids, total dissolved	420000	µg/L	None
54-15433	MD54-00-0038	n/a	Water	Solids, total suspended	36000	µg/L	J+

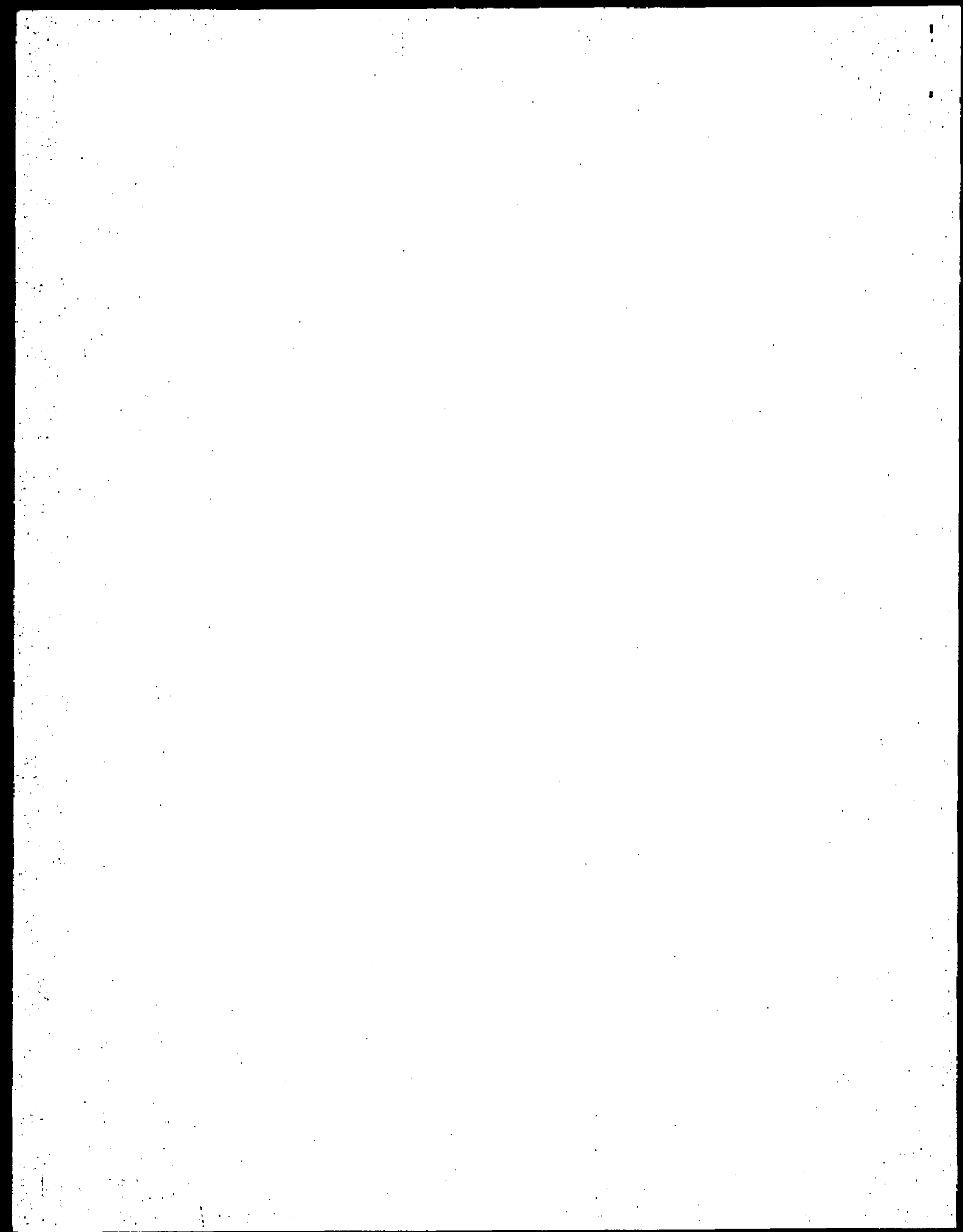
## References

The following list includes all references cited in this appendix. Parenthetical information following each reference provides the author, publication date, and the ER identification (ID) number. This information also is included in the citations in the text. ER ID numbers are assigned by the Laboratory's ER Project to track records associated with the Project. These numbers can be used to locate copies of the actual documents at the ER Project's Records Processing Facility and, where applicable, with the ER Project reference library titled "Reference Set for Material Disposal Areas, Technical Area 54."

Copies of the reference library are maintained at the NMED Hazardous Waste Bureau; the DOE Los Alamos Area Office; United States Environmental Protection Agency, Region VI; and the ER Project Material Disposal Areas Focus Area. This library is a living collection of documents that was developed to ensure that the administrative authority has all the necessary material to review the decisions and actions proposed in this document. However, documents previously submitted to the administrative authority are not included.

LANL (Los Alamos National Laboratory), July 1995. "Statement of Work—Analytical Support," Revision 2, RFP No. 9-XS1-Q4257, Los Alamos, New Mexico. (LANL 1995, 49738)

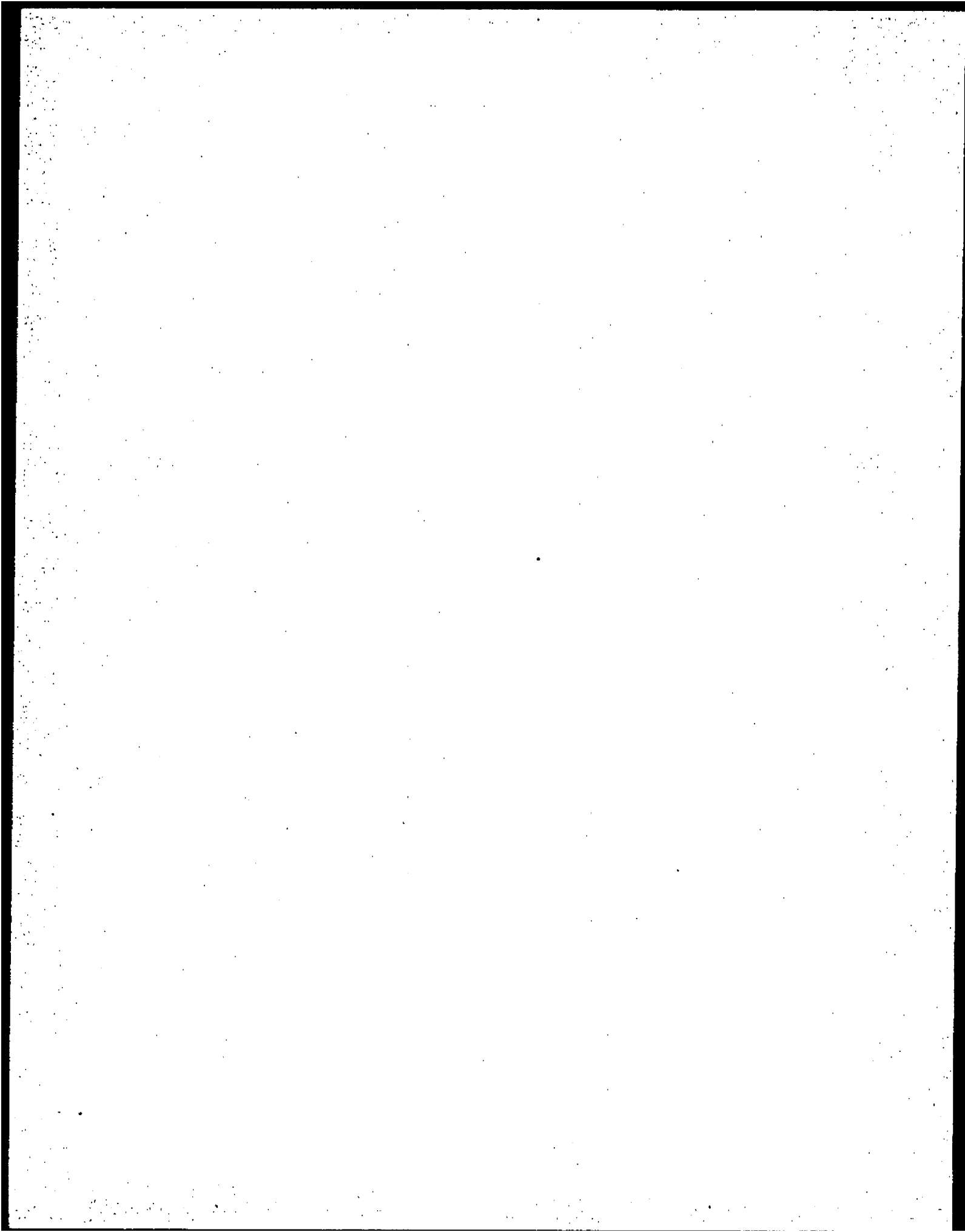
LANL (Los Alamos National Laboratory), March 1996. "Quality Assurance Project Plan Requirements for Sampling and Analysis," Los Alamos National Laboratory report LA-UR-96-441, Los Alamos, New Mexico. (LANL 1996, 54609)



## Appendix E

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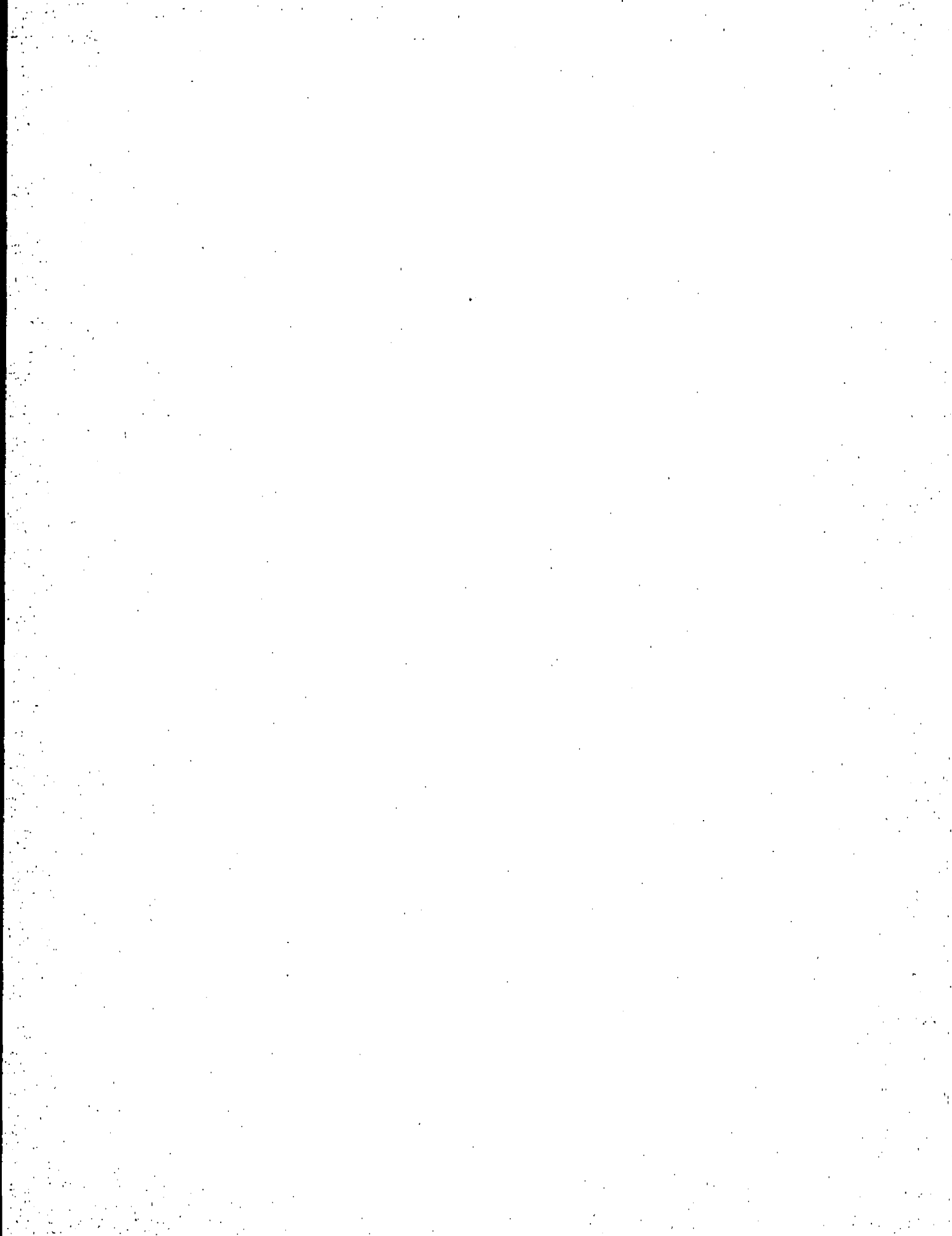
### *Statistical Analyses*





## APPENDIX E STATISTICAL ANALYSES

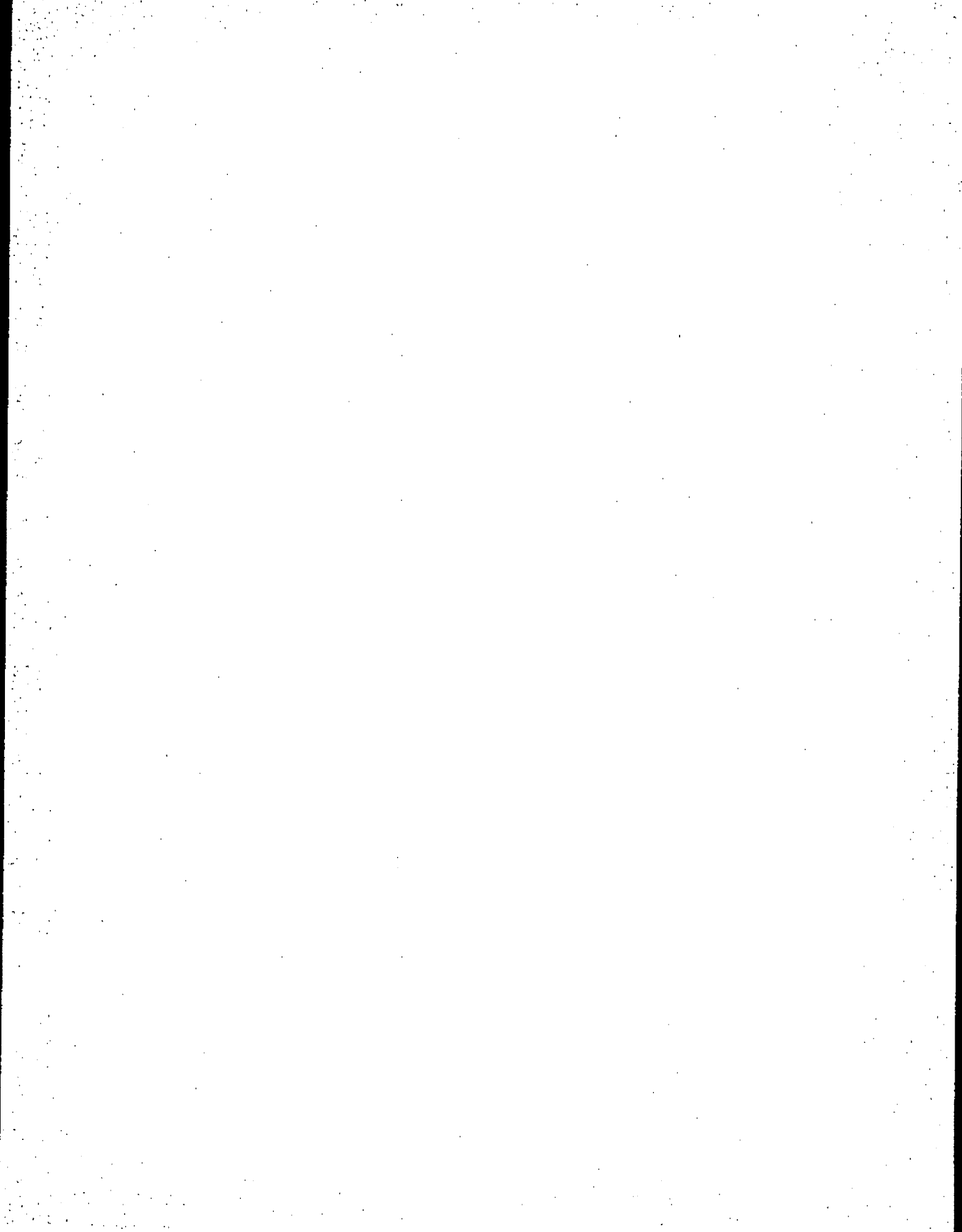
No statistical analysis was conducted as it was unnecessary.



## Appendix F

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### *Risk Assessment Calculations*



## APPENDIX F RISK ASSESSMENT CALCULATIONS

All risk assessment calculations are provided in Sections 2 and 3 of the text. Table F-1.0-1 shows ecological screening levels (ESLs) for chemicals and receptors at Potential Release Site (PRS) 54-007(c)-99.

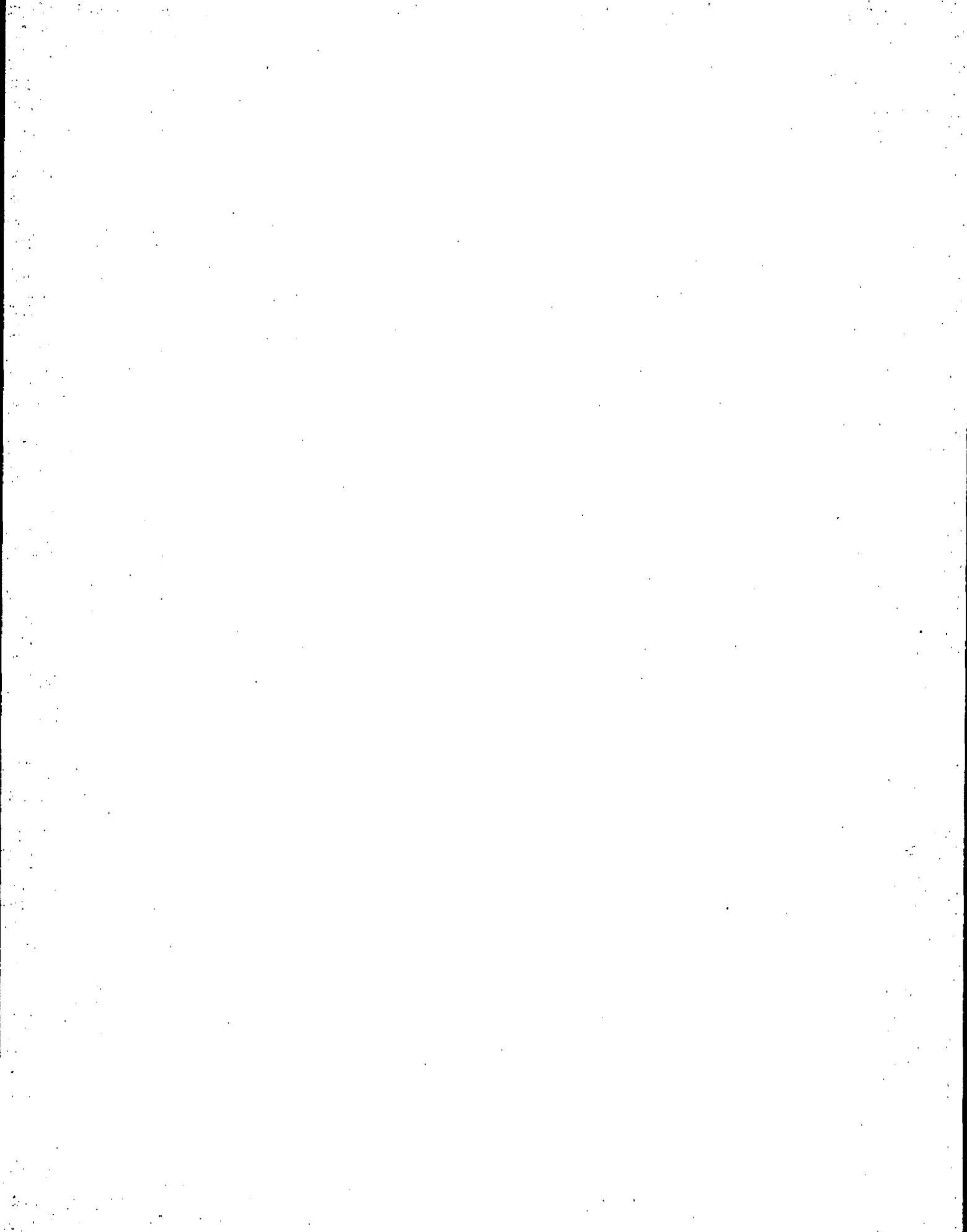
Table F-1  
ESLs for Chemicals and Receptors, PRS 54-007(c)-99

Analyte	Plant	Invertebrate	Robin (Insectivore)	Robin (Omnivore)	Robin (Herbivore)	Kestrel (100% Carnivore)
Antimony	5.00E-01	N.A.*	N.A.	N.A.	N.A.	N.A.
Acetone	N.A.	N.A.	4.20E+04	2.00E+03	1.00E+03	3.10E+05
Benz(a)anthracene	1.80E+01	N.A.	N.A.	N.A.	N.A.	N.A.
Benzo(b)fluoranthene	1.80E+01	N.A.	N.A.	N.A.	N.A.	N.A.
Benzo(k)fluoranthene	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Bis (2-ethylhexyl)phthalate	N.A.	N.A.	1.00E+00	1.90E+00	3.00E+01	4.50E-01
2-Butanone	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Chrysene	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Cyanide	N.A.	N.A.	1.00E-01	1.00E-01	1.00E-01	3.90E-01
Dimethylphthalate	N.A.	4.70E+03	N.A.	N.A.	N.A.	N.A.
Fluoranthene	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Pyrene	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Toluene	2.00E+02	N.A.	N.A.	N.A.	N.A.	N.A.
4-Methyl-2-pentanone	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Analyte	Kestrel (Intermediate Carnivore)	Desert Cottontail	Deer Mouse	Vagrant Shrew	Red Fox
Antimony	N.A.	6.20E+00	1.00E+00	5.90E-01	9.30E-01
Acetone	1.00E+07	2.00E+00	1.80E+00	3.70E+01	7.40E+03
Benz(a)anthracene	N.A.	4.10E-02	6.70E+00	3.30E+00	4.30E-01
Benzo(b)fluoranthene	N.A.	1.20E+03	1.50E+01	7.40E+00	2.90E+01
Benzo(k)fluoranthene	N.A.	2.20E+03	2.70E+01	1.30E+01	5.30E+01
Bis (2-ethylhexyl)phthalate	2.40E-01	7.30E+03	6.00E+01	2.90E+01	8.70E-00
2-Butanone	N.A.	1.10E+03	9.60E+02	6.20E+03	1.30E+06
Chrysene	N.A.	4.10E-02	6.70E+00	3.30E+00	4.30E-01
Cyanide	3.90E-01	7.20E-02	3.30E+02	3.10E+02	1.40E+03
Dimethylphthalate	N.A.	1.80E+02	1.30E+02	2.50E+02	6.10E+04
Fluoranthene	N.A.	2.00E+03	5.20E+01	2.60E+01	1.20E+03
Pyrene	N.A.	1.20E+03	3.10E+01	1.50E+01	7.40E+02
Toluene	N.A.	2.70E-02	9.30E+01	7.10E+01	1.80E-04
4-Methyl-2-pentanone	N.A.	N.A.	N.A.	N.A.	N.A.

Note. All concentrations are in milligrams per kilogram.

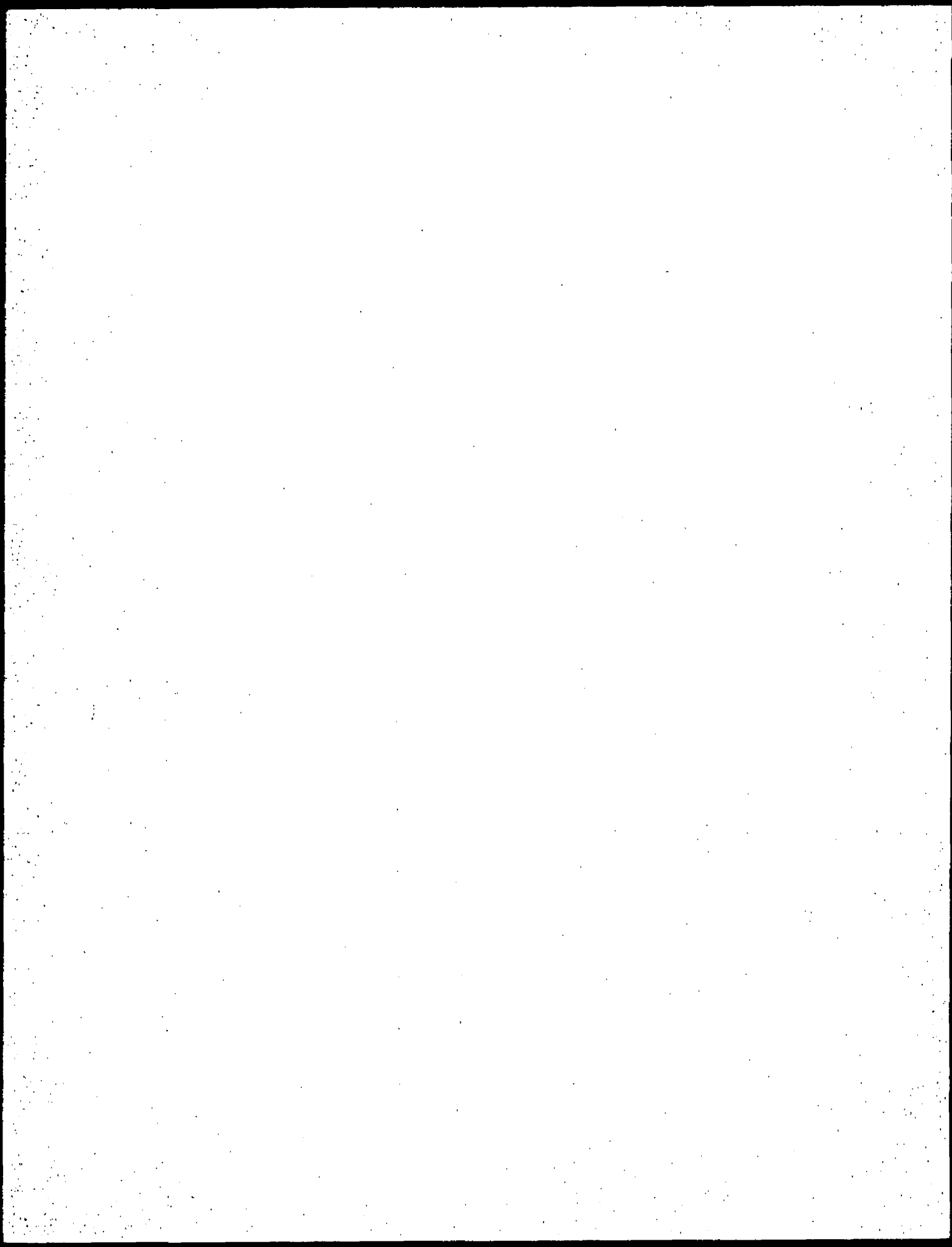
N.A. = not available.



## Appendix G

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*Comparison of Anticipated and Actual Costs*

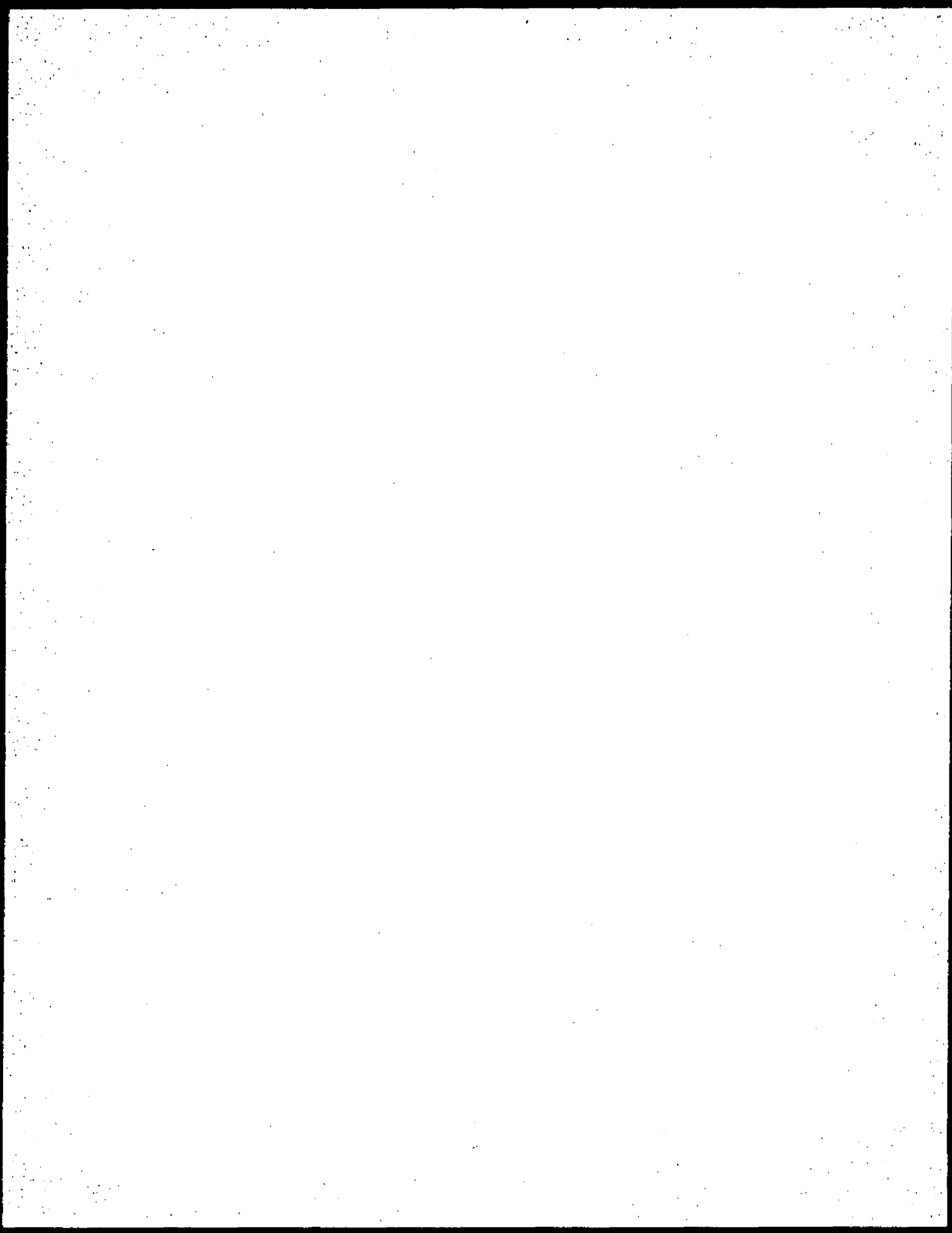




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## APPENDIX G COMPARISON OF ANTICIPATED AND ACTUAL COSTS

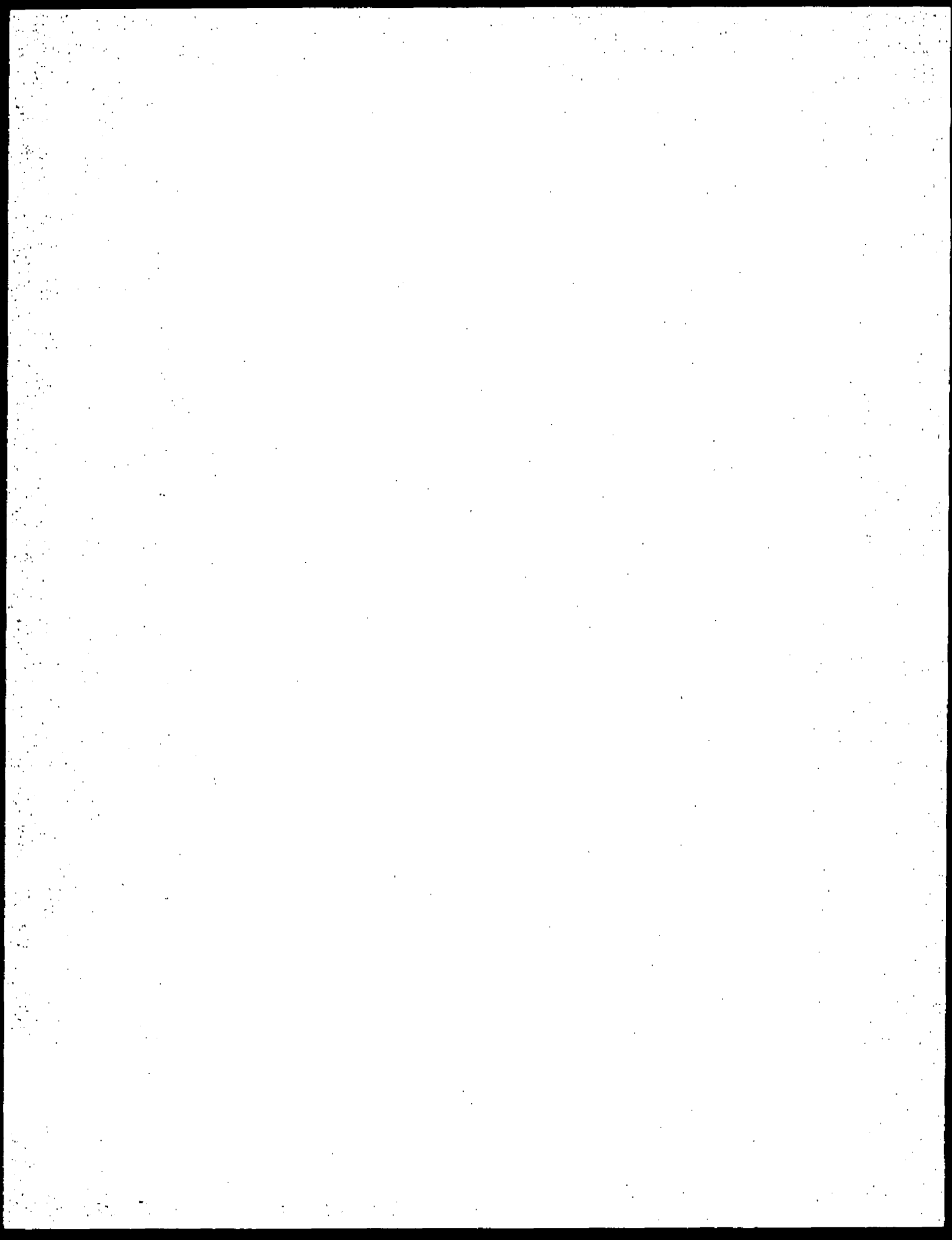
The baseline cost estimate for the voluntary corrective action (VCA) plan, implementation of the VCA, and preparation of the VCA report for Potential Release Sites 51-001 and 54-007(c,d,e) (four septic tanks) was \$582,342. The estimated cost for this work was \$540,000.



## Appendix H

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*Photographs*



## APPENDIX H PHOTOGRAPHS

Figures H-1 through H-8 show voluntary corrective action activities at Potential Release Sites (PRSs) 54-007(c) and 54-007(e).



Figure H-1. East view of fiberglass tank, PRS 54-007(c)



Figure H-2. West view of crew vacuuming waste out of fiberglass tank, PRS 54-007(c)



Figure H-3. East view of fiberglass tank before removal showing effluent from broken PVC pipe and cleaning of tank, PRS 54-007(c)



Figure H-4. Photo of fiberglass tank being removed, PRS 54-007(c)



Figure H-5. View of exposed tank and crew in process of vacuuming out liquid waste from septic tank, PRS 54-007(e)



Figure H-6. View inside septic tank, PRS 54-007(e)



Figure H-7. West-to-east view of trench 1, PRS 54-007(e)



Figure H-8. East to west view of trench 1, PRS 54-007(e)



## Appendix I

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*Correspondence with Regulatory Agencies*

The first of these is the fact that the  
 government has been unable to  
 maintain a stable currency. This  
 has led to a loss of confidence  
 in the government and a  
 consequent loss of support  
 from the people. The second  
 is the fact that the government  
 has been unable to maintain  
 a stable economy. This has  
 led to a loss of confidence  
 in the government and a  
 consequent loss of support  
 from the people. The third  
 is the fact that the government  
 has been unable to maintain  
 a stable society. This has  
 led to a loss of confidence  
 in the government and a  
 consequent loss of support  
 from the people.

The fourth is the fact that the  
 government has been unable to  
 maintain a stable foreign  
 policy. This has led to a  
 loss of confidence in the  
 government and a consequent  
 loss of support from the  
 people.

# APPENDIX I CORRESPONDENCE WITH REGULATORY AGENCIES

ENVIRONMENTAL RESTORATION PROJECT COMMUNICATION RECORD		
Date: 01/09/01	Time: 3:00 P.M.	Recorded By: P. Bertino
To: Neelam Dhawan	From: P. Bertino	Telephone No.: 665-2198
Affiliation: NMED-HWB		
Other Parties: John Hopkins and Dan Holmquist (LANL ER) and Woody Woodworth (DOE-AL)		
<p><b>Discussion:</b></p> <p>This communication record documents LANL's revised approach for collecting samples from the drain field at PRS 54-007(e) as part of the VCA of PRS 54-007(c)-99. While hand augering to collect samples from the drain field at PRS 54-007(e), it was observed that the subsurface materials were not consistent with those identified during the 1995 RFL. Some subsurface areas consisted of a gravel material (as would be expected in a drain field) while others were comprised of a fine soil typical of the area. In order to better delineate the location of the drain field and understand the subsurface conditions in this area, it was determined that a backhoe with a narrow bucket would be an effective tool for uncovering the drain field to collect samples at PRS 54-007(e), and could also be used to trench, and observe the subsurface conditions across the drain field at PRS 54-007(c).</p> <p>At PRS 54-007(c), samples will be collected from the depths specified in the VCA Plan at each of the sample locations specified in the VCA Plan (see attached figure). Each sample trench will first be excavated to the top of the drain field approximately 4 feet below grade. Bench areas will be excavated to allow samples to be collected using a hand auger as described in the plan. The first sample will be collected from between 5 and 6 ft. below grade and the second samples will be collected from between 7 and 8 feet below grade. The samples will be analyzed in accordance with the VCA Plan for PRS 54-007(c)-99 (LA-UR-00-3905).</p> <p>At PRS 54-007(e), where the LANL ER Project believes all the samples have been collected in accordance with the VCA Plan, the backhoe will excavate a trench across the drain field in order to observe subsurface conditions. A GPS will be utilized during the trenching/sampling operation to ensure the samples are collected at the correct locations, document sample collection points, locate drain field boundaries, and document salient field observations. During the trenching operation, the contractor will photograph the exposed cross-sectional areas of each drain field. The contractor will also prepare sketches of the cross-sectional areas. The sketches will identify variations in soils including the presence of any staining, etc.</p>		
<p><b>Action Items:</b></p> <p>Hand-deliver communication record for Neelam Dhawan to initial and provide revised drain field sampling location map with record. Ensure any deviations from the approved VCA Plan are thoroughly documented in VCA completion report.</p>		
<p><b>Distribution:</b></p> <p>N. Dhawan, NMED-HWB/J. Young, NMED-HWB J. Hopkins &amp; D. Holmquist, MDAFA L. Woodworth, DOE-AL P. Bertino, RCFA/MDAFA RPT</p> <p style="text-align: right;"><i>Neelam Dhawan</i></p>		
DI-4.3, H0		LOS ALAMOS Environmental Restoration Project

ENVIRONMENTAL RESTORATION PROJECT COMMUNICATION RECORD		
Date: 1/28/00	Time: 1:30 pm	Recorded By: P. Bertino
To: Neelam Dhawan	From: P. Bertino	Telephone No.: 685-2198
Affiliation: NMED-HWB		
Other Parties:		
John Hopkins (LANL ER) and Woody Woodworth (DOE-AL)		
Discussion:		
<p>This communication record documents comments received during a meeting with Neelam Dhawan, NMED-HWB, Woody Woodworth, DOE-AL and myself on November 8, 2000, regarding the Voluntary Corrective Action (VCA) Plan for Potential Release Site (PRS) 54-007(c)-99 (LA-UR-00-3905). During the meeting, it was agreed that LANL would document NMED-HWB's comments and LANL's response to each comment and provide the requested information to NMED-HWB with this communication record. Each NMED-HWB comment was discussed, resolution of each comment is summarized below.</p>		
Specific Comments:		
<ol style="list-style-type: none"> <li>1. NMED-HWB requested that LANL add two additional sample locations, one in the middle of each septic tank drain field. Additionally, NMED-HWB suggested that to ensure nature and extent is adequately defined, LANL collect drain field samples from two depth intervals that were not specified. LANL agreed to both requests and is providing a revised Figure 4.2-1 from the VCA Plan with this record. The nominal depth of each drain field is 4 feet below ground surface (bgs). LANL is proposing to collect one sample from the 5-6' interval (as specified by John Young to John Hopkins) and one sample from the 7-8' interval from all 12 sample locations identified on revised Figure 4.2-1. All 12 samples will be field screened for radioactivity and volatile organic compounds (VOCs) and will be submitted for fixed laboratory analyses. The revised figure and description of sample collection intervals will be discussed in the VCA completion report.</li> <li>2. NMED-HWB requested that LANL clarify that obvious areas of stained soil/tuff beneath either septic tank will be field screened and the soil removed and stock-piled on site if field screening instruments indicate unacceptable levels and/or refusal is reached (i.e., impermeable tuff).</li> <li>3. Since LANL proposed to base the confirmatory sampling analytical suite on septic tank waste characterization results, NMED-HWB requested that LANL provide the waste characterization results and corresponding analytical methods. LANL agreed and has included the results and analytical methods with this communication record and will present them again in the VCA completion report.</li> <li>4. Since the elevated gross beta levels cannot be attributed to a specific source, NMED-HWB requested that LANL add strontium-90 to the analytical suite for the confirmatory samples. LANL agreed and will report these analytical results in the VCA completion report.</li> <li>5. NMED-HWB asked for a more thorough description of the risk assessment approach discussed on page 5 of the VCA Plan. LANL agreed and the following is a summary of the risk assessment approach for the VCA. Additionally, LANL will discuss analytical results from the confirmatory sampling and the risk assessment approach to be applied with NMED-HWB prior to preparation of the VCA completion report.</li> </ol> <p>After comparing analytical results to Laboratory background values, resulting contaminants of potential concern (COPCs) will be compared to human health preliminary remediation goals (PRGs) based on individual exposure scenarios. As described in the VCA Plan, cleanup levels that are protective of human health will be based on EPA Region 6 industrial PRGs due to the current and planned future industrial land use of both sites. Cleanup levels protective of ecological receptors and the ecosystems they represent will be derived using information from the ecological scoping process, which identifies chemicals of potential ecological concern (COPECs) and potential complete exposure pathways, and an ERA, if warranted. The scoping process and the screening ERA will be prepared in accordance with ERA guidance developed specifically for the Laboratory (Kelly et al. 1998, 57916).</p>		
Action Items:		
<p>Hand-deliver communication record for Neelam Dhawan to initial and provide revised drain field sampling location map, waste characterization results and corresponding analytical methods with record. Where indicated above, ensure NMED-HWB comments are adequately addressed in VCA completion report.</p>		

NMED-HWB will grant NFA for sites that pose acceptable risk for use on residential scenario. ND;

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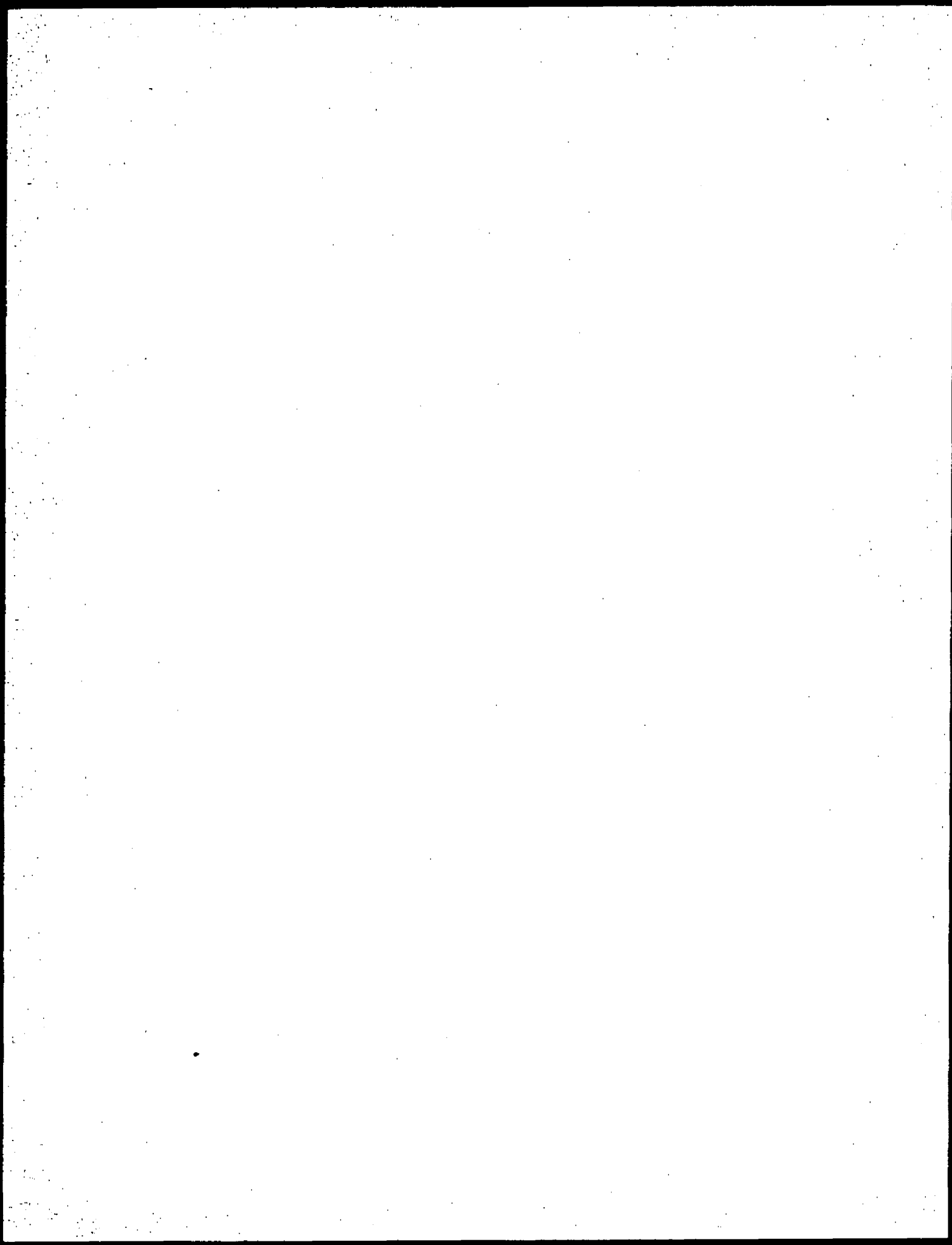


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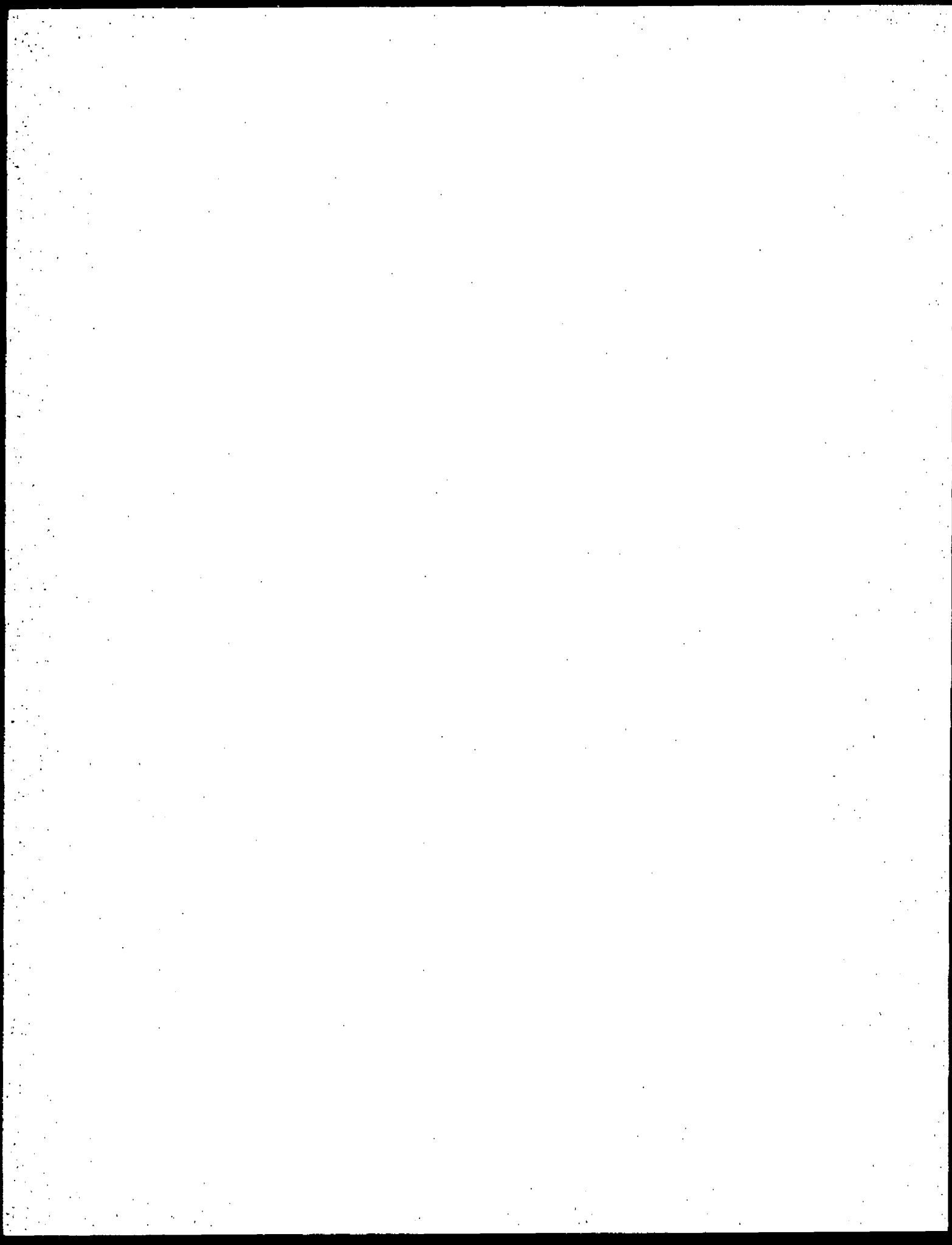
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*Author Organization	Material Disposal Areas		
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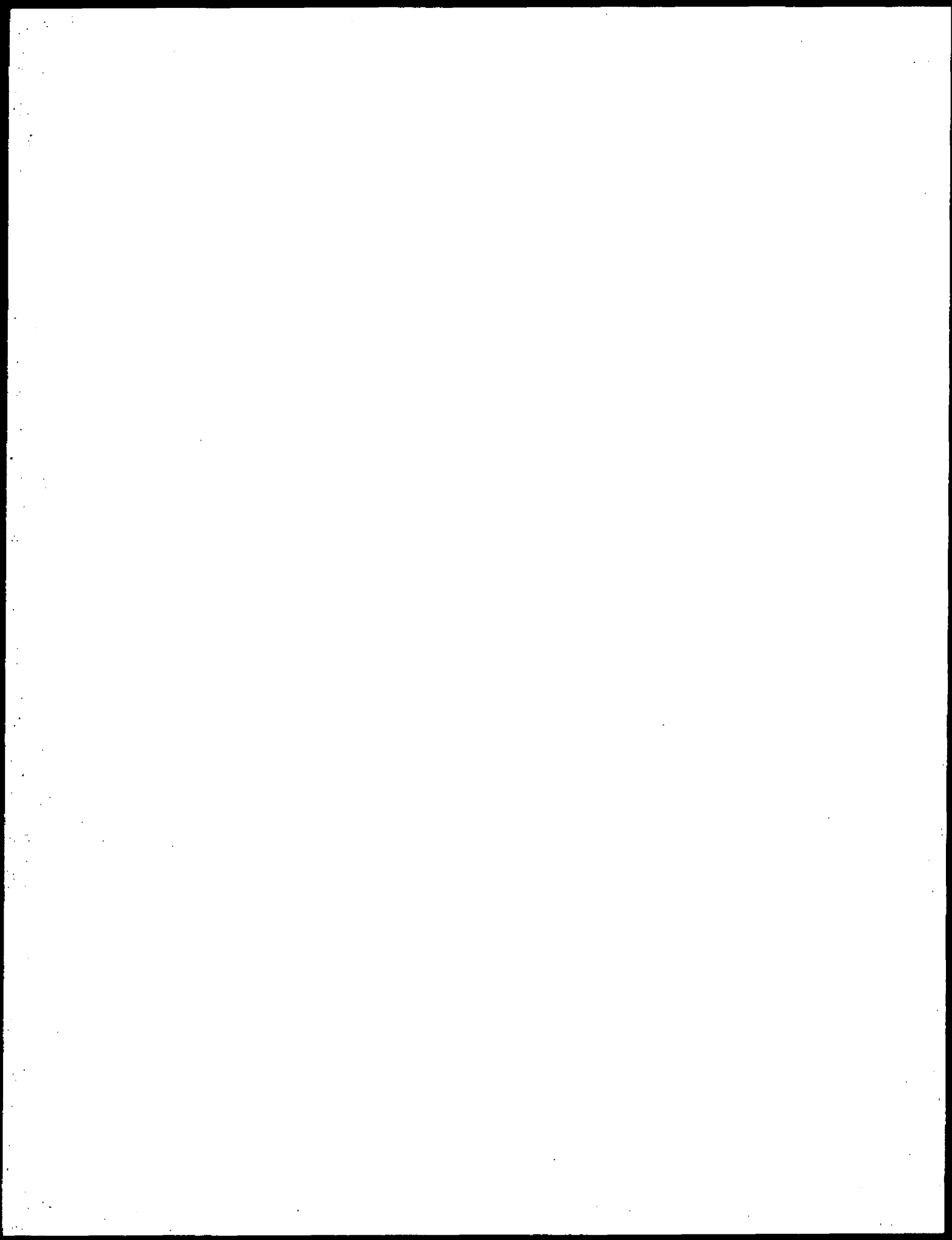
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*Author Organization	Material Disposal Areas		
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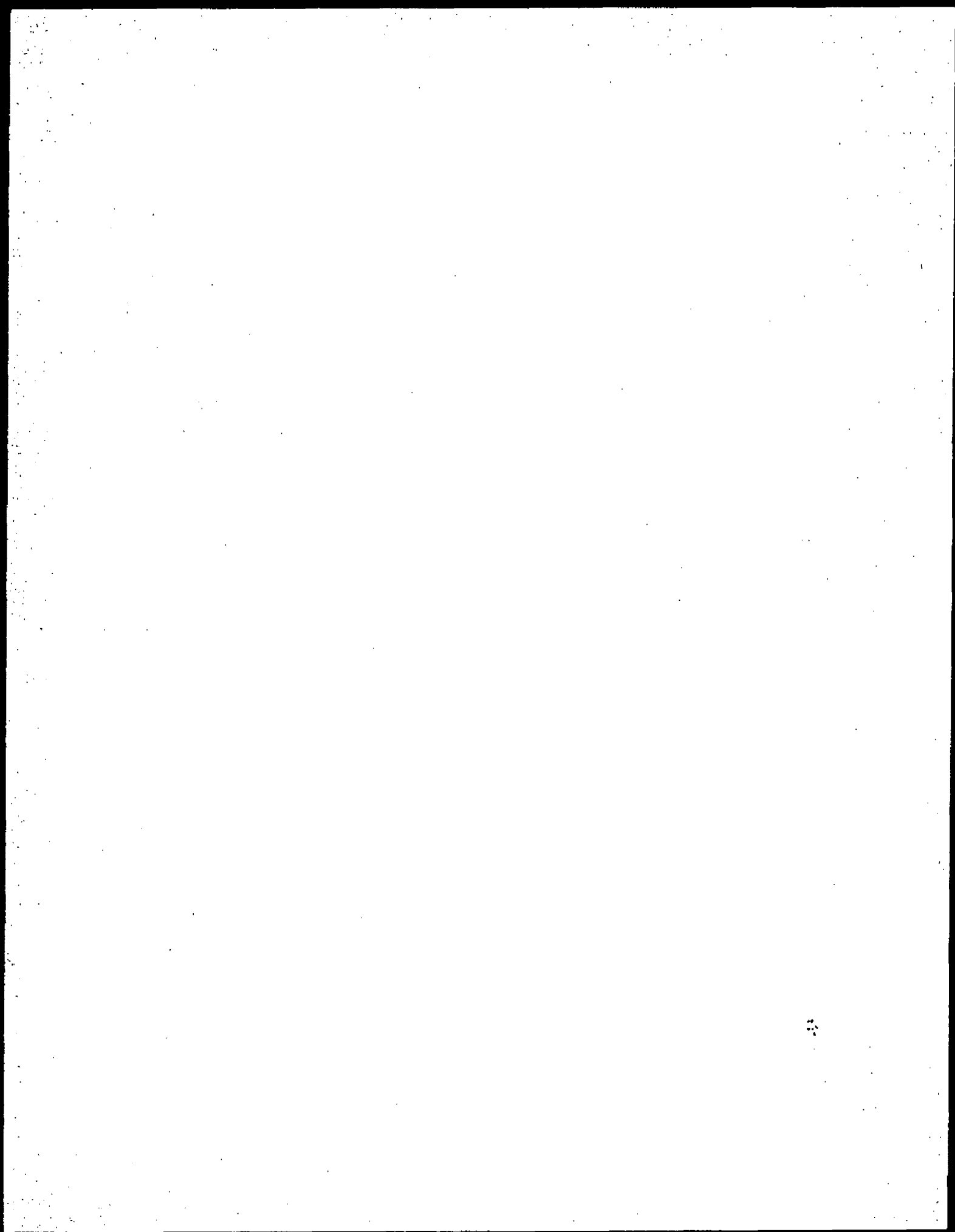
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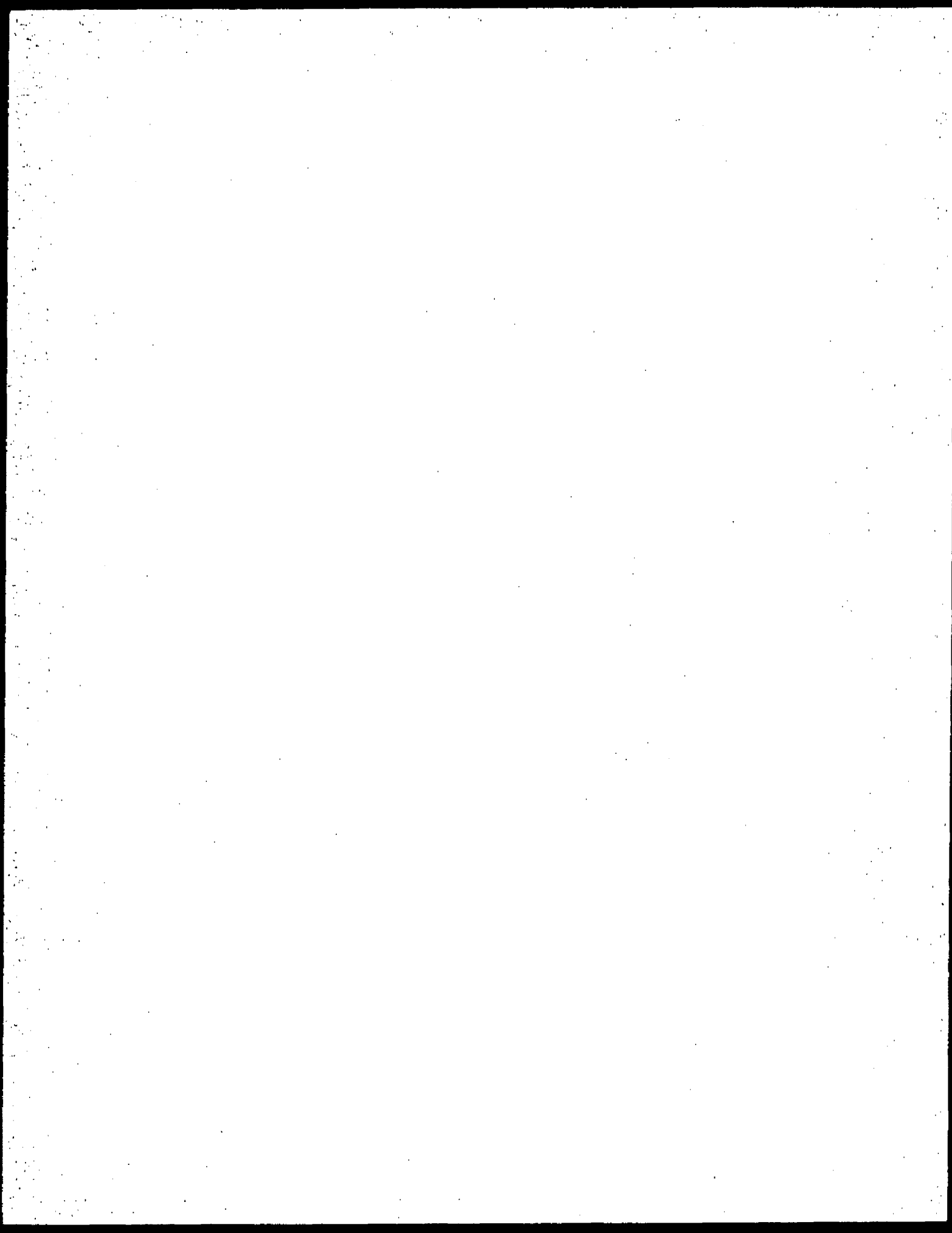
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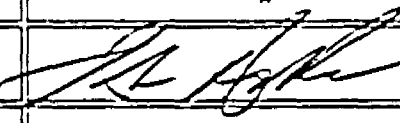
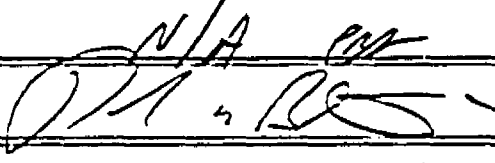

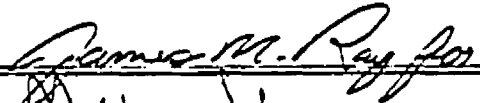

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*Author Organization	Material Disposal Areas		
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